



C 107	14.4	0.7	18	1	PCT-US94-02471-57	Sequence 57, Appl	C 180	12.8	0.6	17	1	US-09-476-387-677	Sequence 677, App
C 108	14.4	0.7	19	1	US-09-165-264-10	Sequence 10, Appl	C 181	12.8	0.6	17	1	US-09-476-387-680	Sequence 680, App
C 109	14.4	0.7	20	1	US-08-904-901-134	Sequence 134, App	C 182	12.8	0.6	17	1	US-09-401-063-262	Sequence 262, App
C 110	14.4	0.7	20	1	US-09-249-730-134	Sequence 134, App	C 183	12.8	0.6	17	1	US-09-866-108A-970	Sequence 970, App
C 111	14.4	0.7	20	1	US-09-513-729B-54	Sequence 54, Appl	C 184	12.8	0.6	17	1	US-09-866-108A-2782	Sequence 2782, App
C 112	14.4	0.7	20	1	US-09-249-247-134	Sequence 134, App	C 185	12.8	0.6	17	1	US-09-866-108A-2783	Sequence 2783, App
C 113	14.4	0.7	20	1	US-09-528-133A-137	Sequence 137, App	C 186	12.8	0.6	18	1	US-08-373-124A-2243	Sequence 2243, App
C 114	14.2	0.7	20	1	US-08-709-368-1	Sequence 1, Appl	C 187	12.8	0.6	18	1	US-08-239-431A-8	Sequence 8, Appl
C 115	14.2	0.7	20	1	US-09-657-042A-75	Sequence 75, Appl	C 188	12.8	0.6	18	1	US-08-435-628-2243	Sequence 2243, App
C 116	14.2	0.7	20	1	US-09-422-978-7116	Sequence 7116, App	C 189	12.8	0.6	18	1	US-09-205-144-36	Sequence 36, Appl
C 117	14.2	0.7	20	1	US-09-198-452A-2388	Sequence 2388, App	C 190	12.8	0.6	18	1	US-09-205-860-47	Sequence 47, Appl
C 118	14.2	0.7	20	1	US-09-198-452A-4651	Sequence 4651, App	C 191	12.8	0.6	18	1	US-09-937-580-9	Sequence 9, Appl
C 119	14.2	0.7	20	1	US-09-198-452A-5845	Sequence 5845, App	C 192	12.8	0.6	18	1	US-09-071-433-35	Sequence 35, Appl
C 120	14.2	0.7	20	1	US-09-742-373-4	Sequence 4, Appl	C 193	12.8	0.6	18	1	US-09-336-033-9	Sequence 9, Appl
C 121	14.2	0.7	20	1	US-09-081-385-31	Sequence 31, Appl	C 194	12.8	0.6	18	1	US-09-236-097-9	Sequence 9, Appl
C 122	13.8	0.6	17	1	US-08-985-162-61	Sequence 61, Appl	C 195	12.8	0.6	18	1	US-09-267-423-8	Sequence 8, Appl
C 123	13.8	0.6	17	1	US-09-474-432B-677	Sequence 677, App	C 196	12.8	0.6	18	1	US-09-422-978-4256	Sequence 4256, App
C 124	13.8	0.6	17	1	US-09-476-387-676	Sequence 676, App	C 197	12.8	0.6	18	1	US-09-422-978-9785	Sequence 9785, App
C 125	13.8	0.6	17	1	US-09-401-063-61	Sequence 61, Appl	C 198	12.8	0.6	24	1	US-08-529-190B-7	Sequence 7, Appl
C 126	13.8	0.6	17	1	US-09-865-108A-971	Sequence 971, App	C 199	12.8	0.6	14	1	US-08-646-789A-42	Sequence 42, Appl
C 127	13.8	0.6	17	1	US-09-866-108A-972	Sequence 972, App	C 200	12.4	0.6	14	1	US-09-230-652-20	Sequence 20, Appl
C 128	13.8	0.6	17	1	US-08-577-081A-67	Sequence 67, Appl	C 201	12.4	0.6	15	1	US-08-237-233-4	Sequence 4, Appl
C 129	13.8	0.6	18	1	PCT-US93-12600-5	Sequence 5, Appl	C 202	12.4	0.6	15	1	US-08-182-968A-14	Sequence 14, Appl
C 130	13.4	0.6	17	1	US-09-866-108A-973	Sequence 973, App	C 203	12.4	0.6	15	1	US-08-774-306A-14	Sequence 14, Appl
C 131	13.4	0.6	17	1	US-09-866-108A-974	Sequence 974, App	C 204	12.4	0.6	15	1	US-09-064-156A-14	Sequence 14, Appl
C 132	13.4	0.6	18	1	US-09-205-204-18	Sequence 18, Appl	C 205	12.4	0.6	15	1	US-08-918-148-42	Sequence 42, Appl
C 133	13.4	0.6	18	1	US-09-423-978-5085	Sequence 5085, App	C 206	12.4	0.6	15	1	US-09-400-502-21	Sequence 21, Appl
C 134	13.4	0.6	19	1	US-09-357-740-9	Sequence 9, Appl	C 207	12.4	0.6	15	1	US-09-400-502-22	Sequence 22, Appl
C 135	13.4	0.6	19	1	US-09-423-978-7262	Sequence 7262, App	C 208	12.4	0.6	15	1	US-08-906-378-1	Sequence 1, Appl
C 136	13.4	0.6	19	1	PCT-US91-03680-1	Sequence 1, Appl	C 209	12.4	0.6	15	1	US-09-577-423-1	Sequence 1, Appl
C 137	13.2	0.6	18	1	US-09-213-767-24	Sequence 24, Appl	C 210	12.4	0.6	15	1	5214136-12	Patent No. 5214136
C 138	13.2	0.6	18	1	US-09-135-021-72	Sequence 72, Appl	C 211	12.4	0.6	17	1	US-08-985-162-60	Sequence 60, Appl
C 139	13.2	0.6	18	1	US-09-071-433-26	Sequence 26, Appl	C 212	12.4	0.6	17	1	US-09-021-701-40	Sequence 40, Appl
C 140	13.2	0.6	18	1	US-09-135-020-74	Sequence 74, Appl	C 213	12.4	0.6	17	1	US-09-021-701-41	Sequence 41, Appl
C 141	13.2	0.6	18	1	US-09-135-010A-74	Sequence 74, Appl	C 214	12.4	0.6	17	1	US-09-021-701-42	Sequence 42, Appl
C 142	13.2	0.6	18	1	US-09-444-871-74	Sequence 74, Appl	C 215	12.4	0.6	17	1	US-09-021-701-43	Sequence 43, Appl
C 143	13.2	0.6	18	1	US-09-597-735-74	Sequence 74, Appl	C 216	12.4	0.6	17	1	US-09-282-146-4	Sequence 4, Appl
C 144	13.2	0.6	18	1	US-09-444-285-74	Sequence 74, Appl	C 217	12.4	0.6	17	1	US-08-584-040-1757	Sequence 1757, App
C 145	13.2	0.6	18	1	US-09-597-732-74	Sequence 74, Appl	C 218	12.4	0.6	17	1	US-08-584-040-7987	Sequence 7987, App
C 146	13.2	0.6	18	1	US-09-531-000-29	Sequence 29, Appl	C 219	12.4	0.6	17	1	US-08-679-645-222	Sequence 222, App
C 147	13.2	0.6	18	1	US-09-423-978-4110	Sequence 4110, App	C 220	12.4	0.6	17	1	US-09-474-432B-401	Sequence 401, App
C 148	13.2	0.6	18	1	US-09-423-978-4877	Sequence 4877, App	C 221	12.4	0.6	17	1	US-09-474-432B-839	Sequence 839, App
C 149	13.2	0.6	18	1	US-09-597-731-31	Sequence 31, Appl	C 222	12.4	0.6	17	1	US-09-050-861B-35	Sequence 35, Appl
C 150	13.2	0.6	18	1	US-09-622-166A-31	Sequence 31, Appl	C 223	12.4	0.6	17	1	US-09-371-772B-302	Sequence 302, Appl
C 151	13	0.6	15	1	US-08-585-684B-616	Sequence 616, App	C 224	12.4	0.6	17	1	US-09-371-772B-3770	Sequence 3770, App
C 152	13	0.6	15	1	US-08-585-684B-617	Sequence 617, App	C 225	12.4	0.6	17	1	US-09-371-772B-6349	Sequence 6349, App
C 153	13	0.6	15	1	US-08-585-684B-618	Sequence 618, App	C 226	12.4	0.6	17	1	US-09-371-772B-6350	Sequence 6350, App
C 154	13	0.6	15	1	US-08-585-684B-619	Sequence 619, App	C 227	12.4	0.6	17	1	US-09-371-772B-6351	Sequence 6351, App
C 155	13	0.6	15	1	US-09-038-073-617	Sequence 617, App	C 228	12.4	0.6	17	1	US-09-371-772B-6352	Sequence 6352, App
C 156	13	0.6	15	1	US-09-038-073-618	Sequence 618, App	C 229	12.4	0.6	17	1	US-09-476-387-400	Sequence 400, App
C 157	13	0.6	15	1	PCT-US92-08094-65	Sequence 65, Appl	C 230	12.4	0.6	17	1	US-09-476-387-838	Sequence 838, App
C 158	13	0.6	17	1	US-08-373-124A-1020	Sequence 1020, App	C 231	12.4	0.6	17	1	US-09-401-063-60	Sequence 60, Appl
C 159	13	0.6	17	1	US-08-435-628-1020	Sequence 1020, App	C 232	12.4	0.6	17	1	US-09-866-108A-975	Sequence 975, App
C 160	13	0.6	17	1	US-08-370-156-17	Sequence 17, Appl	C 233	12.4	0.6	17	1	US-09-866-108A-9355	Sequence 8355, App
C 161	13	0.6	18	1	US-09-506-286B-73	Sequence 73, Appl	C 234	12.4	0.6	17	1	US-09-866-108A-9356	Sequence 8356, App
C 162	13	0.6	18	1	US-10-065-133A-73	Sequence 73, Appl	C 235	12.4	0.6	17	1	US-09-866-108A-9357	Sequence 8357, App
C 163	13	0.6	24	1	US-08-528-190B-4	Sequence 4, Appl	C 236	12.4	0.6	17	1	US-09-866-108A-9358	Sequence 8358, App
C 164	12.8	0.6	16	1	US-08-471-212-6	Sequence 6, Appl	C 237	12.2	0.6	17	1	US-08-373-124A-65	Sequence 65, Appl
C 165	12.8	0.6	16	1	US-08-283-197C-20	Sequence 20, Appl	C 238	12.2	0.6	17	1	US-08-782-047-9	Sequence 9, Appl
C 166	12.8	0.6	17	1	US-08-293-620A-1699	Sequence 1699, App	C 239	12.2	0.6	17	1	US-08-782-047-27	Sequence 27, Appl
C 167	12.8	0.6	17	1	US-08-293-620A-1725	Sequence 1725, App	C 240	12.2	0.6	17	1	US-08-749-431A-24	Sequence 24, Appl
C 168	12.8	0.6	17	1	US-08-293-620A-1770	Sequence 1770, App	C 241	12.2	0.6	17	1	US-08-435-628-65	Sequence 65, Appl
C 169	12.8	0.6	17	1	US-08-765-783A-79	Sequence 79, Appl	C 242	12.2	0.6	17	1	US-08-435-628-1353	Sequence 1353, App
C 170	12.8	0.6	17	1	US-08-985-162-262	Sequence 262, App	C 243	12.2	0.6	17	1	US-08-173-489C-96	Sequence 96, Appl
C 171	12.8	0.6	17	1	US-09-071-845-1699	Sequence 1699, App	C 244	12.2	0.6	17	1	US-08-889-296A-27	Sequence 27, Appl
C 172	12.8	0.6	17	1	US-09-071-845-1725	Sequence 1725, App	C 245	12.2	0.6	17	1	US-08-889-296A-27	Sequence 27, Appl
C 173	12.8	0.6	17	1	US-09-071-845-1970	Sequence 1970, App	C 246	12.2	0.6	17	1	US-08-848-840A-27	Sequence 27, Appl
C 174	12.8	0.6	17	1	US-09-416-557-79	Sequence 79, Appl	C 247	12.2	0.6	17	1	US-08-985-163-420	Sequence 420, App
C 175	12.8	0.6	17	1	US-08-584-040-5983	Sequence 5983, App	C 248	12.2	0.6	17	1	US-08-945-654-4	Sequence 4, Appl
C 176	12.8	0.6	17	1	US-09-474-432B-678	Sequence 678, App	C 249	12.2	0.6	17	1	US-08-961-469A-35	Sequence 35, Appl
C 177	12.8	0.6	17	1	US-09-474-432B-681	Sequence 681, App	C 250	12.2	0.6	17	1	US-08-128-494-27	Sequence 27, Appl
C 178	12.8	0.6	17	1	US-09-371-772B-2820	Sequence 2820, App	C 251	12.2	0.6	17	1	US-08-924-870A-9	Sequence 9, Appl
C 179	12.8	0.6	17	1	US-09-371-772B-6952	Sequence 6952, App	C 252	12.2	0.6	17	1	US-08-924-870A-27	Sequence 27, Appl

253	12.2	0.6	17	1	US-08-584-040-5924	Sequence 5924, Ap	C 326	11.8	0.5	15	1	US-09-064-156A-109	Sequence 109, App
254	12.2	0.6	17	1	US-08-584-040-7413	Sequence 7413, Ap	C 327	11.8	0.5	15	1	US-09-064-156A-315	Sequence 315, App
255	12.2	0.6	17	1	US-09-248-386-27	Sequence 27, Appl	328	11.8	0.5	15	1	US-09-071-845-443	Sequence 443, App
256	12.2	0.6	17	1	US-09-058-165-3	Sequence 3, Appli	329	11.8	0.5	15	1	US-09-038-073-2081	Sequence 2081, Ap
257	12.2	0.6	17	1	US-09-220-510B-1	Sequence 1, Appli	C 330	11.8	0.5	15	1	US-09-081-646-245	Sequence 245, App
258	12.2	0.6	17	1	US-09-474-432B-521	Sequence 521, App	C 331	11.8	0.5	15	1	US-08-464-011B-58	Sequence 58, Appl
259	12.2	0.6	17	1	US-09-474-432B-874	Sequence 874, App	C 332	11.8	0.5	15	1	US-09-474-432B-128	Sequence 128, App
260	12.2	0.6	17	1	US-09-371-772B-2763	Sequence 2763, Ap	C 333	11.8	0.5	15	1	US-09-378-535-68	Sequence 68, Appl
261	12.2	0.6	17	1	US-09-371-772B-3230	Sequence 3230, Ap	C 334	11.8	0.5	15	1	US-09-476-387-128	Sequence 128, App
262	12.2	0.6	17	1	US-09-371-772B-4237	Sequence 4237, Ap	C 335	11.8	0.5	15	1	US-09-180-437-117	Sequence 117, App
263	12.2	0.6	17	1	US-09-371-772B-4970	Sequence 4970, Ap	C 336	11.8	0.5	15	1	US-09-180-437-177	Sequence 177, App
264	12.2	0.6	17	1	US-09-371-772B-5211	Sequence 5211, Ap	C 337	11.8	0.5	16	1	US-08-753-147-174	Sequence 174, App
265	12.2	0.6	17	1	US-09-371-772B-5457	Sequence 5457, Ap	C 338	11.8	0.5	16	1	US-09-050-159-9	Sequence 9, Appli
266	12.2	0.6	17	1	US-09-371-772B-5632	Sequence 5632, Ap	C 339	11.8	0.5	16	1	US-09-479-005A-303	Sequence 303, App
267	12.2	0.6	17	1	US-09-371-772B-6532	Sequence 6532, Ap	C 340	11.8	0.5	16	1	PCT-US91-03680-98	Sequence 98, Appl
268	12.2	0.6	17	1	US-09-371-772B-6552	Sequence 6552, Ap	C 341	11.8	0.5	16	1	US-09-866-108A-8355	Sequence 8355, Ap
269	12.2	0.6	17	1	US-09-371-772B-6891	Sequence 6891, Ap	C 342	11.6	0.5	18	1	US-09-236-097-9	Sequence 9, Appli
270	12.2	0.6	17	1	US-09-371-772B-6892	Sequence 6892, Ap	C 343	11.6	0.5	21	1	US-08-804-166-19	Sequence 19, Appl
271	12.2	0.6	17	1	US-09-476-387-520	Sequence 520, App	C 344	11.6	0.5	21	1	US-08-910-991-19	Sequence 19, Appl
272	12.2	0.6	17	1	US-09-476-387-573	Sequence 573, App	C 345	11.6	0.5	21	1	US-09-756-186-19	Sequence 19, Appl
273	12.2	0.6	17	1	US-09-401-063-420	Sequence 420, App	C 346	11.6	0.5	24	1	US-08-529-190B-10	Sequence 10, Appl
274	12.2	0.6	17	1	US-09-827-998-467	Sequence 467, App	C 347	11.4	0.5	13	1	US-08-233-030-7	Sequence 7, Appli
275	12.2	0.6	17	1	US-09-866-108A-308	Sequence 308, App	C 348	11.4	0.5	14	1	US-08-237-233-1	Sequence 1, Appli
276	12.2	0.6	17	1	US-09-866-108A-1180	Sequence 1180, Ap	C 349	11.4	0.5	14	1	US-08-237-233-6	Sequence 6, Appli
277	12.2	0.6	17	1	US-09-866-108A-2033	Sequence 2033, Ap	C 350	11.4	0.5	14	1	US-08-442-513A-15	Sequence 15, Appl
278	12.2	0.6	17	1	US-09-866-108A-2034	Sequence 2034, Ap	C 351	11.4	0.5	14	1	US-08-683-839B-15	Sequence 15, Appl
279	12.2	0.6	17	1	US-09-866-108A-2880	Sequence 2680, Ap	C 352	11.4	0.5	14	1	US-08-403-888A-40	Sequence 40, Appl
280	12.2	0.6	17	1	US-09-866-108A-5062	Sequence 6062, Ap	C 353	11.4	0.5	14	1	US-08-403-888A-56	Sequence 56, Appl
281	12.2	0.6	17	1	US-09-866-108A-8395	Sequence 8395, Ap	C 354	11.4	0.5	14	1	US-08-403-888A-115	Sequence 115, App
282	12.2	0.6	17	1	US-09-866-108A-8398	Sequence 8398, Ap	C 355	11.4	0.5	14	1	US-08-535-249-102	Sequence 102, App
283	12.2	0.6	20	1	US-09-657-042A-75	Sequence 75, Appl	C 356	11.4	0.5	14	1	5214136-8	Patent No. 5214136
284	12	0.6	15	1	US-08-585-684B-619	Sequence 619, App	C 357	11.4	0.5	14	1	5214136-11	Patent No. 5214136
285	12	0.6	15	1	US-09-038-073-619	Sequence 619, App	C 358	11.4	0.5	14	1	5214136-16	Patent No. 5214136
286	12	0.6	15	1	US-08-584-040-8450	Sequence 8450, Ap	C 359	11.4	0.5	14	1	5486603-1	Patent No. 5486603
287	12	0.6	15	1	US-09-371-772B-1406	Sequence 1406, Ap	C 360	11.4	0.5	14	1	5486603-2	Patent No. 5486603
288	12	0.6	15	1	US-08-311-486C-610	Sequence 610, App	C 361	11.4	0.5	15	1	US-08-140-797-3	Sequence 3, Appli
289	12	0.6	16	1	US-09-371-772B-5670	Sequence 5670, Ap	C 362	11.4	0.5	15	1	US-08-311-760A-78	Sequence 78, Appl
290	12	0.6	17	1	US-08-861-096A-12	Sequence 12, Appl	C 363	11.4	0.5	15	1	US-08-311-760A-78	Sequence 78, Appl
291	12	0.6	17	1	US-08-861-096A-29	Sequence 29, Appl	C 364	11.4	0.5	15	1	US-08-291-932A-224	Sequence 224, App
292	12	0.6	17	1	US-08-584-040-1499	Sequence 1499, Ap	C 365	11.4	0.5	15	1	US-08-486-670A-3	Sequence 3, Appli
293	12	0.6	17	1	US-08-584-040-1500	Sequence 1500, Ap	C 366	11.4	0.5	15	1	US-08-363-240A-559	Sequence 559, App
294	12	0.6	17	1	US-08-584-040-1501	Sequence 1501, Ap	C 367	11.4	0.5	15	1	US-08-591-989-7	Sequence 7, Appli
295	12	0.6	17	1	US-08-584-040-1969	Sequence 1969, Ap	C 368	11.4	0.5	15	1	US-08-292-620A-83	Sequence 83, Appl
296	12	0.6	17	1	US-08-584-040-1970	Sequence 1970, Ap	C 369	11.4	0.5	15	1	US-08-585-684B-19	Sequence 19, Appl
297	12	0.6	17	1	US-08-584-040-1971	Sequence 1971, Ap	C 370	11.4	0.5	15	1	US-08-774-310-77	Sequence 77, Appl
298	12	0.6	17	1	US-09-371-772B-44	Sequence 44, Appl	C 371	11.4	0.5	15	1	US-08-774-310-78	Sequence 78, Appl
299	12	0.6	17	1	US-09-371-772B-45	Sequence 45, Appl	C 372	11.4	0.5	15	1	US-08-477-553A-3	Sequence 3, Appli
300	12	0.6	17	1	US-09-371-772B-46	Sequence 46, Appl	C 373	11.4	0.5	15	1	US-08-477-553A-6	Sequence 6, Appli
301	12	0.6	17	1	US-09-371-772B-514	Sequence 514, App	C 374	11.4	0.5	15	1	US-09-289-747-8	Sequence 8, Appli
302	12	0.6	17	1	US-09-371-772B-515	Sequence 515, App	C 375	11.4	0.5	15	1	US-09-071-845-83	Sequence 83, Appl
303	12	0.6	17	1	US-09-371-772B-516	Sequence 516, App	C 376	11.4	0.5	15	1	US-08-929-856-57	Sequence 57, Appl
304	12	0.6	17	1	US-09-371-772B-4244	Sequence 4244, Ap	C 377	11.4	0.5	15	1	US-09-503-804-8	Sequence 8, Appli
305	12	0.6	17	1	US-09-371-772B-4813	Sequence 4813, Ap	C 378	11.4	0.5	15	1	US-09-038-073-19	Sequence 19, Appl
306	12	0.6	17	1	US-09-371-772B-4814	Sequence 4814, Ap	C 379	11.4	0.5	15	1	US-09-081-646-842	Sequence 842, App
307	12	0.6	17	1	US-09-866-108A-303	Sequence 303, App	C 380	11.4	0.5	15	1	US-09-081-646-843	Sequence 843, Ap
308	12	0.6	17	1	US-09-866-108A-304	Sequence 304, App	C 381	11.4	0.5	15	1	US-08-584-040-8433	Sequence 29, Appl
309	12	0.6	17	1	US-09-866-108A-305	Sequence 305, App	C 382	11.4	0.5	15	1	US-08-669-656A-29	Sequence 4089, Ap
310	12	0.6	17	1	US-09-866-108A-306	Sequence 306, App	C 383	11.4	0.5	15	1	US-09-371-772B-4089	Sequence 15, Appl
311	12	0.6	17	1	US-09-866-108A-307	Sequence 307, App	C 384	11.4	0.5	15	1	US-09-935-194-15	Sequence 15, Appl
312	12	0.6	18	1	US-09-106-038A-62	Sequence 62, Appl	C 385	11.4	0.5	15	1	5214136-1	APPLICANT: LIN
313	12	0.5	24	1	US-08-529-190B-16	Sequence 16, Appl	C 386	11.4	0.5	15	1	5214136-4	Patent No. 5214136
314	11.8	0.5	14	1	US-08-325-509-14	Sequence 14, Appl	C 387	11.4	0.5	15	1	5214136-17	Patent No. 5214136
315	11.8	0.5	15	1	US-08-182-968A-109	Sequence 109, App	C 388	11.4	0.5	15	1	5214136-18	Sequence 7, Appli
316	11.8	0.5	15	1	US-08-182-968A-315	Sequence 315, App	C 389	11.4	0.5	16	1	US-09-068-195-7	Sequence 29, Appl
317	11.8	0.5	15	1	US-08-291-932A-80	Sequence 80, Appl	C 390	11.4	0.5	16	1	US-09-043-816E-29	Sequence 29, Appl
318	11.8	0.5	15	1	US-08-291-932A-125	Sequence 125, Appl	C 391	11.4	0.5	16	1	US-09-043-816E-40	Sequence 40, Appl
319	11.8	0.5	15	1	US-08-291-932A-223	Sequence 223, App	C 392	11.4	0.5	16	1	US-09-371-772B-7032	Sequence 7032, Ap
320	11.8	0.5	15	1	US-08-291-932A-349	Sequence 349, App	C 393	11.4	0.5	16	1	PCT-US91-03680-96	Sequence 96, Appl
321	11.8	0.5	15	1	US-08-292-620A-443	Sequence 443, App	C 394	11.4	0.5	16	1	5214136-6	Patent No. 5214136
322	11.8	0.5	15	1	US-08-774-306A-109	Sequence 109, App	C 395	11.4	0.5	16	1	5214136-14	Patent No. 5214136
323	11.8	0.5	15	1	US-08-774-306A-315	Sequence 315, App	C 396	11.2	0.5	16	1	US-08-747-562-2	Sequence 2, Appli
324	11.8	0.5	15	1	US-08-585-684B-2081	Sequence 2081, Ap	C 397	11.2	0.5	16	1	US-09-050-159-9	Sequence 9, Appli
325	11.8	0.5	15	1	US-08-819-867-68	Sequence 68, Appl	C 398	11.2	0.5	16	1	US-08-152-313-32	Sequence 32, Appl
												US-07-971-978-10	Sequence 10, Appl

C 399	11.2	0.5	16	1	US-07-971-978-11	Sequence 11, Appl	C 472	10.8	0.5	15	1	US-07-799-824-7	Sequence 7, Appl
C 400	11.2	0.5	16	1	US-07-971-978-40	Sequence 40, Appl	C 473	10.8	0.5	15	1	US-07-799-824-8	Sequence 8, Appl
C 401	11.2	0.5	16	1	US-07-971-978-46	Sequence 46, Appl	C 474	10.8	0.5	15	1	US-07-799-824-9	Sequence 9, Appl
C 402	11.2	0.5	16	1	US-07-971-978-64	Sequence 64, Appl	C 475	10.8	0.5	15	1	US-07-874-334-15	Sequence 15, Appl
C 403	11.2	0.5	16	1	US-08-136-538-30	Sequence 30, Appl	C 476	10.8	0.5	15	1	US-07-874-334-16	Sequence 16, Appl
C 404	11.2	0.5	16	1	US-08-579-807-32	Sequence 32, Appl	C 477	10.8	0.5	15	1	US-07-874-334-17	Sequence 17, Appl
C 405	11.2	0.5	16	1	US-08-426-807-7	Sequence 7, Appl	C 478	10.8	0.5	15	1	US-07-874-334-18	Sequence 18, Appl
C 406	11.2	0.5	16	1	US-08-419-114-13	Sequence 13, Appl	C 479	10.8	0.5	15	1	US-08-031-147A-36	Sequence 36, Appl
C 407	11.2	0.5	16	1	US-08-282-197C-25	Sequence 25, Appl	C 480	10.8	0.5	15	1	US-07-906-930B-8	Sequence 8, Appl
C 408	11.2	0.5	16	1	US-08-459-434-10	Sequence 10, Appl	C 481	10.8	0.5	15	1	US-08-182-968A-278	Sequence 278, App
C 409	11.2	0.5	16	1	US-08-850-961-5	Sequence 5, Appl	C 482	10.8	0.5	15	1	US-08-182-968A-363	Sequence 363, App
C 410	11.2	0.5	16	1	US-03-270-542-186	Sequence 186, App	C 483	10.8	0.5	15	1	US-07-976-103A-6	Sequence 6, Appl
C 411	11.2	0.5	16	1	US-03-479-776-5	Sequence 5, Appl	C 484	10.8	0.5	15	1	US-07-976-103A-12	Sequence 12, Appl
C 412	11.2	0.5	16	1	US-08-801-308-4	Sequence 4, Appl	C 485	10.8	0.5	15	1	US-07-976-103A-40	Sequence 40, Appl
C 413	11.2	0.5	16	1	US-09-371-722B-6029	Sequence 15, Appl	C 486	10.8	0.5	15	1	US-07-976-103A-49	Sequence 49, Appl
C 414	11.2	0.5	16	1	US-09-371-722B-6029	Sequence 6029, Ap	C 487	10.8	0.5	15	1	US-08-291-932A-10	Sequence 10, Appl
C 415	11.2	0.5	16	1	US-09-479-905A-176	Sequence 176, App	C 488	10.8	0.5	15	1	US-08-291-932A-124	Sequence 124, App
C 416	11.2	0.5	16	1	US-09-753-943D-15	Sequence 15, Appl	C 489	10.8	0.5	15	1	US-08-291-932A-198	Sequence 198, App
C 417	11.2	0.5	16	1	PCT-US94-12947A-32	Sequence 32, Appl	C 490	10.8	0.5	15	1	US-08-291-932A-201	Sequence 201, App
C 418	11.2	0.5	18	1	US-09-166-038A-66	Sequence 66, Appl	C 491	10.8	0.5	15	1	US-08-291-932A-205	Sequence 205, App
C 419	11.2	0.5	18	1	US-09-205-144-36	Sequence 36, Appl	C 492	10.8	0.5	15	1	US-08-334-847-24	Sequence 24, Appl
C 420	11.2	0.5	24	1	US-08-529-190B-13	Sequence 13, Appl	C 493	10.8	0.5	15	1	US-08-334-847-45	Sequence 45, Appl
C 421	11.2	0.5	24	1	US-08-529-190B-5	Sequence 5, Appl	C 494	10.8	0.5	15	1	US-08-334-847-46	Sequence 46, Appl
C 422	11	0.5	12	1	US-08-050-319B-55	Sequence 55, Appl	C 495	10.8	0.5	15	1	US-08-334-847-345	Sequence 345, App
C 423	11	0.5	12	1	US-08-465-982-55	Sequence 55, Appl	C 496	10.8	0.5	15	1	US-08-334-847-520	Sequence 520, App
C 424	11	0.5	12	1	US-08-487-761-8	Sequence 8, Appl	C 497	10.8	0.5	15	1	US-08-334-847-662	Sequence 662, App
C 425	11	0.5	14	1	US-08-442-513A-6	Sequence 6, Appl	C 498	10.8	0.5	15	1	US-08-334-847-663	Sequence 663, App
C 426	11	0.5	14	1	US-08-465-590-104	Sequence 104, App	C 499	10.8	0.5	15	1	US-08-363-240A-59	Sequence 59, Appl
C 427	11	0.5	14	1	US-08-711-417C-104	Sequence 104, App	C 500	10.8	0.5	15	1	US-08-363-240A-576	Sequence 576, App
C 428	11	0.5	14	1	US-09-723-909-104	Sequence 104, App	C 501	10.8	0.5	15	1	US-08-363-240A-577	Sequence 577, App
C 429	11	0.5	14	1	PCT-US93-08743-104	Sequence 104, App	C 502	10.8	0.5	15	1	US-08-363-240A-578	Sequence 578, App
C 430	11	0.5	15	1	US-07-860-925-24	Sequence 24, Appl	C 503	10.8	0.5	15	1	US-08-363-240A-614	Sequence 614, App
C 431	11	0.5	15	1	US-08-311-760A-183	Sequence 183, App	C 504	10.8	0.5	15	1	US-08-363-240A-615	Sequence 615, App
C 432	11	0.5	15	1	US-08-311-760A-184	Sequence 184, App	C 505	10.8	0.5	15	1	US-08-317-432A-2	Sequence 2, Appl
C 433	11	0.5	15	1	US-08-311-760A-185	Sequence 185, App	C 506	10.8	0.5	15	1	US-08-601-435-28	Sequence 28, Appl
C 434	11	0.5	15	1	US-08-311-760A-186	Sequence 186, App	C 507	10.8	0.5	15	1	US-08-311-486C-175	Sequence 175, App
C 435	11	0.5	15	1	US-08-319-492B-144	Sequence 144, App	C 508	10.8	0.5	15	1	US-08-311-486C-651	Sequence 651, App
C 436	11	0.5	15	1	US-08-334-315-24	Sequence 34, Appl	C 509	10.8	0.5	15	1	US-08-473-481-6	Sequence 6, Appl
C 437	11	0.5	15	1	US-08-774-310-183	Sequence 183, App	C 510	10.8	0.5	15	1	US-08-473-481-12	Sequence 12, Appl
C 438	11	0.5	15	1	US-08-774-310-184	Sequence 184, App	C 511	10.8	0.5	15	1	US-08-473-481-40	Sequence 40, Appl
C 439	11	0.5	15	1	US-08-774-310-185	Sequence 185, App	C 512	10.8	0.5	15	1	US-08-473-481-49	Sequence 49, Appl
C 440	11	0.5	15	1	US-08-774-310-186	Sequence 186, App	C 513	10.8	0.5	15	1	US-08-292-620A-149	Sequence 149, App
C 441	11	0.5	15	1	5182195-60	Patent No. 5182195	C 514	10.8	0.5	15	1	US-08-292-620A-173	Sequence 173, App
C 442	11	0.5	19	1	US-09-422-978-7262	Sequence 7262, Ap	C 515	10.8	0.5	15	1	US-08-292-620A-333	Sequence 333, App
C 443	10.8	0.5	14	1	US-08-303-004-21	Sequence 21, Appl	C 516	10.8	0.5	15	1	US-08-292-620A-442	Sequence 442, App
C 444	10.8	0.5	14	1	US-08-442-513A-17	Sequence 17, Appl	C 517	10.8	0.5	15	1	US-08-292-620A-614	Sequence 614, App
C 445	10.8	0.5	14	1	US-08-173-489C-324	Sequence 324, App	C 518	10.8	0.5	15	1	US-08-894-932A-1	Sequence 1, Appl
C 446	10.8	0.5	14	1	US-08-985-162-1842	Sequence 1842, Ap	C 519	10.8	0.5	15	1	US-08-894-932A-278	Sequence 278, App
C 447	10.8	0.5	14	1	US-08-913-833-89	Sequence 89, Appl	C 520	10.8	0.5	15	1	US-08-774-306A-363	Sequence 363, App
C 448	10.8	0.5	14	1	US-08-913-833-129	Sequence 129, App	C 521	10.8	0.5	15	1	US-08-418-085-73	Sequence 73, Appl
C 449	10.8	0.5	14	1	US-08-765-340-101	Sequence 101, App	C 522	10.8	0.5	15	1	US-08-585-684B-202	Sequence 202, App
C 450	10.8	0.5	14	1	US-08-793-660B-22	Sequence 22, Appl	C 523	10.8	0.5	15	1	US-08-585-684B-271	Sequence 271, App
C 451	10.8	0.5	14	1	US-09-580-794C-89	Sequence 89, Appl	C 524	10.8	0.5	15	1	US-08-585-684B-643	Sequence 643, App
C 452	10.8	0.5	14	1	US-09-580-794C-129	Sequence 129, App	C 525	10.8	0.5	15	1	US-08-585-684B-643	Sequence 643, App
C 453	10.8	0.5	14	1	US-08-257-503A-5	Sequence 5, Appl	C 526	10.8	0.5	15	1	US-08-740-821-8	Sequence 8, Appl
C 454	10.8	0.5	14	1	US-09-401-063-1842	Sequence 1842, Ap	C 527	10.8	0.5	15	1	US-08-477-553A-2	Sequence 2, Appl
C 455	10.8	0.5	14	1	5219727-63	Patent No. 5219727	C 528	10.8	0.5	15	1	US-08-403-888A-44	Sequence 44, Appl
C 456	10.8	0.5	14	1	US-09-054-832-37	Sequence 37, Appl	C 529	10.8	0.5	15	1	US-08-931-047-28	Sequence 28, Appl
C 457	10.8	0.5	14	1	US-09-640-953-37	Sequence 37, Appl	C 530	10.8	0.5	15	1	US-08-931-047-28	Sequence 28, Appl
C 458	10.8	0.5	15	1	US-07-905-040-1	Sequence 1, Appl	C 531	10.8	0.5	15	1	US-08-783-202-24	Sequence 24, Appl
C 459	10.8	0.5	15	1	US-08-021-619-1	Sequence 1, Appl	C 532	10.8	0.5	15	1	US-08-343-998-28	Sequence 28, Appl
C 460	10.8	0.5	15	1	US-08-142-785-7	Sequence 7, Appl	C 533	10.8	0.5	15	1	US-08-486-343A-6	Sequence 6, Appl
C 461	10.8	0.5	15	1	US-08-142-785-8	Sequence 8, Appl	C 534	10.8	0.5	15	1	US-08-959-853-7	Sequence 7, Appl
C 462	10.8	0.5	15	1	US-08-142-785-9	Sequence 9, Appl	C 535	10.8	0.5	15	1	US-08-963-472-5	Sequence 5, Appl
C 463	10.8	0.5	15	1	US-08-142-785-10	Sequence 10, Appl	C 536	10.8	0.5	15	1	US-08-963-472-5	Sequence 5, Appl
C 464	10.8	0.5	15	1	US-08-142-785-11	Sequence 11, Appl	C 537	10.8	0.5	15	1	US-08-963-472-9	Sequence 9, Appl
C 465	10.8	0.5	15	1	US-08-142-785-12	Sequence 12, Appl	C 538	10.8	0.5	15	1	US-09-064-156A-278	Sequence 278, App
C 466	10.8	0.5	15	1	US-08-142-785-13	Sequence 13, Appl	C 539	10.8	0.5	15	1	US-09-064-156A-363	Sequence 363, App
C 467	10.8	0.5	15	1	US-07-799-824-1	Sequence 1, Appl	C 540	10.8	0.5	15	1	US-09-071-845-149	Sequence 149, App
C 468	10.8	0.5	15	1	US-07-799-824-2	Sequence 2, Appl	C 541	10.8	0.5	15	1	US-09-071-845-173	Sequence 173, App
C 469	10.8	0.5	15	1	US-07-799-824-3	Sequence 3, Appl	C 542	10.8	0.5	15	1	US-09-071-845-333	Sequence 333, App
C 470	10.8	0.5	15	1	US-07-799-824-5	Sequence 5, Appl	C 543	10.8	0.5	15	1	US-09-071-845-442	Sequence 442, App
C 471	10.8	0.5	15	1	US-07-799-824-6	Sequence 6, Appl	C 544	10.8	0.5	15	1	US-09-071-845-614	Sequence 614, App



C 691	10.2	0.5	15	1	US-09-064-156A-278	Sequence 278, App	C 764	9.8	0.5	13	1	US-08-478-608B-4	Sequence 4, Appli
C 692	10.2	0.5	16	1	US-08-282-197C-20	Sequence 20, Appl	C 765	9.8	0.5	13	1	US-08-544-381B-29	Sequence 29, Appl
C 693	10.2	0.5	16	1	US-09-328-174A-15	Sequence 15, Appl	C 766	9.8	0.5	13	1	US-08-798-269-7	Sequence 7, Appl
C 694	10.2	0.5	17	1	US-09-474-432B-678	Sequence 678, App	C 767	9.8	0.5	13	1	US-08-180-470-36	Sequence 36, Appl
C 695	10.2	0.5	17	1	US-09-476-387-677	Sequence 677, App	C 768	9.8	0.5	13	1	US-09-091-058-16	Sequence 16, Appl
C 696	10.2	0.5	17	1	US-09-866-108A-2782	Sequence 2782, Ap	C 769	9.8	0.5	13	1	US-08-913-833-108	Sequence 108, App
C 697	10.2	0.5	17	1	US-09-371-772B-5457	Sequence 5457, Ap	C 770	9.8	0.5	13	1	US-08-476-423A-4	Sequence 4, Appli
C 698	10.2	0.5	18	1	PCT-US93-12600-5	Sequence 5, Appli	C 771	9.8	0.5	13	1	US-09-124-238A-5	Sequence 5, Appli
C 699	10.2	0.5	20	1	US-09-198-452A-5845	Sequence 5845, Ap	C 772	9.8	0.5	13	1	US-08-778-794A-87	Sequence 87, Appl
C 700	10	0.5	10	1	US-08-031-147A-37	Sequence 37, Appl	C 773	9.8	0.5	13	1	US-09-580-794C-108	Sequence 108, App
C 701	10	0.5	10	1	US-08-171-718-50	Sequence 50, Appl	C 774	9.8	0.5	13	1	US-08-981-988A-39	Sequence 39, Appl
C 702	10	0.5	10	1	US-08-403-888A-26	Sequence 26, Appl	C 775	9.8	0.5	13	1	US-09-055-210-7	Sequence 7, Appli
C 703	10	0.5	10	1	US-08-403-888A-46	Sequence 46, Appl	C 776	9.8	0.5	13	1	US-09-721-975-5	Sequence 5, Appli
C 704	10	0.5	10	1	US-08-403-888A-119	Sequence 119, App	C 777	9.8	0.5	13	1	US-09-179-162A-4	Sequence 4, Appli
C 705	10	0.5	10	1	US-08-388-353-389	Sequence 389, App	C 778	9.8	0.5	13	1	US-09-986-621-5	Sequence 5, Appli
C 706	10	0.5	10	1	US-08-488-551B-389	Sequence 389, App	C 779	9.8	0.5	13	1	US-08-192-943-21	Sequence 21, Appl
C 707	10	0.5	10	1	US-09-069-434-16	Sequence 16, Appl	C 780	9.8	0.5	13	1	US-08-874-601-52	Sequence 52, Appl
C 708	10	0.5	10	1	US-08-478-087-50	Sequence 50, Appl	C 781	9.8	0.5	13	1	US-09-950-459-4	Sequence 4, Appli
C 709	10	0.5	10	1	US-09-134-246-9	Sequence 9, Appli	C 782	9.8	0.5	13	1	US-09-950-459-4	Sequence 4, Appli
C 710	10	0.5	10	1	US-08-192-946-31	Sequence 31, Appl	C 783	9.8	0.5	13	1	US-08-303-004-13	Sequence 13, Appl
C 711	10	0.5	10	1	US-09-052-753B-12	Sequence 12, Appl	C 784	9.8	0.5	13	1	US-08-442-513A-11	Sequence 11, Appl
C 712	10	0.5	10	1	US-10-042-111-33	Sequence 33, Appl	C 785	9.8	0.5	14	1	US-08-442-513A-11	Sequence 11, Appl
C 713	10	0.5	10	1	PCT-US94-02471-37	Sequence 37, Appl	C 786	9.8	0.5	14	1	US-08-442-513A-14	Sequence 14, Appl
C 714	10	0.5	11	1	US-08-403-888A-25	Sequence 25, Appl	C 787	9.8	0.5	14	1	US-08-442-513A-16	Sequence 16, Appl
C 715	10	0.5	11	1	US-08-646-695-15	Sequence 15, Appl	C 788	9.8	0.5	14	1	US-08-442-513A-16	Sequence 16, Appl
C 716	10	0.5	11	1	PCT-US96-06053-15	Sequence 15, Appl	C 789	9.8	0.5	14	1	US-08-442-513A-18	Sequence 18, Appl
C 717	10	0.5	12	1	US-08-329-798-8	Sequence 8, Appli	C 790	9.8	0.5	14	1	US-08-484-138-15	Sequence 15, Appl
C 718	10	0.5	12	1	US-08-329-560-8	Sequence 8, Appli	C 791	9.8	0.5	14	1	US-08-498-402-6	Sequence 6, Appli
C 719	10	0.5	12	1	US-08-363-233B-13	Sequence 13, Appl	C 792	9.8	0.5	14	1	US-08-259-148A-27	Sequence 27, Appl
C 720	10	0.5	12	1	US-08-809-297-14	Sequence 14, Appl	C 793	9.8	0.5	14	1	US-08-540-448-20	Sequence 20, Appl
C 721	10	0.5	12	1	US-08-809-297-14	Sequence 14, Appl	C 794	9.8	0.5	14	1	US-07-892-902-4	Sequence 4, Appli
C 722	10	0.5	12	1	US-08-809-297-47	Sequence 47, Appl	C 795	9.8	0.5	14	1	US-08-173-489C-94	Sequence 94, Appl
C 723	10	0.5	12	1	US-08-809-297-47	Sequence 47, Appl	C 796	9.8	0.5	14	1	US-08-173-489C-186	Sequence 186, App
C 724	10	0.5	12	1	US-08-463-467B-29	Sequence 29, App	C 797	9.8	0.5	14	1	US-08-173-489C-198	Sequence 198, App
C 725	10	0.5	12	1	US-09-281-418-156	Sequence 156, App	C 798	9.8	0.5	14	1	US-07-876-941A-43	Sequence 43, Appl
C 726	10	0.5	12	1	US-09-281-418-202	Sequence 202, App	C 799	9.8	0.5	14	1	US-08-985-162-1805	Sequence 1805, Ap
C 727	10	0.5	12	1	US-09-281-418-202	Sequence 202, App	C 800	9.8	0.5	14	1	US-08-985-162-1805	Sequence 1805, Ap
C 728	10	0.5	12	1	US-09-004-838-139	Sequence 139, App	C 801	9.8	0.5	14	1	US-08-985-162-1805	Sequence 1805, Ap
C 729	10	0.5	13	1	US-08-608-584-10	Sequence 10, App	C 802	9.8	0.5	14	1	US-08-985-162-1805	Sequence 1805, Ap
C 730	10	0.5	13	1	US-08-520-194-7	Sequence 7, Appli	C 803	9.8	0.5	14	1	US-08-913-833-109	Sequence 109, App
C 731	10	0.5	13	1	US-09-474-432B-177	Sequence 177, App	C 804	9.8	0.5	14	1	US-08-913-833-112	Sequence 112, App
C 732	10	0.5	13	1	US-09-476-387-177	Sequence 177, App	C 805	9.8	0.5	14	1	US-08-913-833-138	Sequence 138, App
C 733	10	0.5	13	1	US-08-068-945A-24	Sequence 24, Appl	C 806	9.8	0.5	14	1	US-08-998-099-357	Sequence 357, App
C 734	10	0.5	13	1	US-08-442-806-24	Sequence 24, Appl	C 807	9.8	0.5	14	1	US-08-998-099-362	Sequence 362, App
C 735	10	0.5	14	1	US-08-765-340-150	Sequence 150, App	C 808	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 736	10	0.5	14	1	US-08-237-233-5	Sequence 5, Appli	C 809	9.8	0.5	14	1	US-08-765-340-109	Sequence 109, App
C 737	10	0.5	14	1	US-08-173-489C-185	Sequence 185, App	C 810	9.8	0.5	14	1	US-08-765-340-118	Sequence 118, App
C 738	10	0.5	14	1	US-08-173-489C-197	Sequence 197, App	C 811	9.8	0.5	14	1	US-08-765-340-147	Sequence 147, App
C 739	10	0.5	14	1	US-08-765-340-149	Sequence 149, App	C 812	9.8	0.5	14	1	US-08-929-939-20	Sequence 20, Appl
C 740	10	0.5	14	1	US-08-765-340-149	Sequence 149, App	C 813	9.8	0.5	14	1	US-08-929-939-20	Sequence 20, Appl
C 741	10	0.5	14	1	US-09-230-652-36	Sequence 36, Appl	C 814	9.8	0.5	14	1	US-08-646-301A-8	Sequence 8, Appli
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C 758	9.8	0.5	13	1	US-08-442-806-24	Sequence 24, Appl	C 831	9.8	0.5	14	1		
C 759	9.8	0.5	13	1	US-08-441-887A-268	Sequence 268, App	C 832	9.8	0.5	14	1		
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C 763	9.8	0.5	13	1	US-08-173-489C-56	Sequence 56, Appl	C 836	9.8	0.5	14	1		

545	10.8	0.5	15	1	US-09-099-011A-73	Sequence 73, Appl	C 618	10.4	0.5	12	1	US-08-403-888A-113	Sequence 113, App
546	10.8	0.5	15	1	US-09-177-359-20	Sequence 20, Appl	C 619	10.4	0.5	12	1	US-08-053-451B-157	Sequence 157, App
547	10.8	0.5	15	1	US-09-038-073-202	Sequence 202, App	C 620	10.4	0.5	12	1	US-08-813-867-33	Sequence 5, Appl
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552	10.8	0.5	15	1	US-08-338-352-7	Sequence 7, Appl	C 625	10.4	0.5	12	1	US-09-366-862-13	Sequence 13, Appl
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554	10.8	0.5	15	1	US-09-081-646-79	Sequence 79, Appl	C 627	10.4	0.5	12	1	US-09-475-947A-286	Sequence 286, App
555	10.8	0.5	15	1	US-09-081-646-127	Sequence 127, App	C 628	10.4	0.5	12	1	US-09-378-535-5	Sequence 5, Appl
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557	10.8	0.5	15	1	US-09-081-646-546	Sequence 546, App	C 630	10.4	0.5	12	1	US-09-378-535-35	Sequence 35, Appl
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559	10.8	0.5	15	1	US-09-081-646-814	Sequence 814, App	C 632	10.4	0.5	12	1	PCT-US95-06379-12	Sequence 12, Appl
560	10.8	0.5	15	1	US-09-081-646-852	Sequence 852, App	C 633	10.4	0.5	13	1	US-07-954-830-7	Sequence 7, Appl
561	10.8	0.5	15	1	US-08-584-040-8476	Sequence 8476, Ap	C 634	10.4	0.5	13	1	US-08-233-030-7	Sequence 7, Appl
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563	10.8	0.5	15	1	US-08-599-738A-12	Sequence 12, Appl	C 636	10.4	0.5	13	1	US-09-350-821A-11	Sequence 11, Appl
564	10.8	0.5	15	1	US-08-599-738A-40	Sequence 40, Appl	C 637	10.4	0.5	13	1	US-09-350-821A-11	Sequence 11, Appl
565	10.8	0.5	15	1	US-08-599-738A-49	Sequence 49, Appl	C 638	10.4	0.5	13	1	US-09-474-432B-136	Sequence 136, App
566	10.8	0.5	15	1	US-09-383-316-87	Sequence 87, Appl	C 639	10.4	0.5	13	1	US-09-476-387-136	Sequence 136, App
567	10.8	0.5	15	1	US-08-461-210-26	Sequence 26, Appl	C 640	10.4	0.5	13	1	5256775-2	Patent No. 5256775
568	10.8	0.5	15	1	US-09-400-502-23	Sequence 23, Appl	C 641	10.4	0.5	14	1	US-09-230-652-20	Sequence 20, Appl
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573	10.8	0.5	15	1	US-08-906-378-9	Sequence 9, Appl	C 646	10.4	0.5	14	1	US-08-505-377-18	Sequence 18, Appl
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579	10.8	0.5	15	1	US-09-476-387-137	Sequence 137, App	C 652	10.4	0.5	14	1	US-08-765-340-115	Sequence 115, App
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590	10.8	0.5	17	1	US-08-889-296A-27	Sequence 27, Appl	C 663	10.4	0.5	14	1	US-09-230-652-18	Sequence 18, Appl
591	10.8	0.5	17	1	US-08-848-840A-27	Sequence 27, Appl	C 664	10.4	0.5	14	1	US-09-357-711A-2	Sequence 2, Appl
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594	10.8	0.5	17	1	US-09-248-386-27	Sequence 27, Appl	C 667	10.4	0.5	14	1	US-09-874-601-18	Sequence 18, Appl
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605	10.6	0.5	17	1	US-08-924-870A-27	Sequence 27, Appl	C 678	10.4	0.5	18	1	US-08-488-232A-45	Sequence 45, Appl
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613	10.4	0.5	12	1	US-08-173-489C-85	Sequence 85, Appl	C 686	10.2	0.5	15	1	US-08-182-968A-14	Sequence 14, Appl
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616	10.4	0.5	12	1	US-08-403-888A-41	Sequence 41, Appl	C 689	10.2	0.5	15	1	US-08-182-968A-278	Sequence 278, App
617	10.4	0.5	12	1	US-08-403-888A-57	Sequence 57, Appl	C 690	10.2	0.5	15	1	US-08-774-306A-278	Sequence 278, App

Sequence 5, Appli  
Sequence 40, Appli  
Sequence 5, Appli  
Sequence 53, Appli  
Sequence 10, Appli  
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Sequence 2, Appli  
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Sequence 2, Appli

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C 842 9.8 0.5 14 1 US-09-401-063-1805  
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C 852 9.8 0.5 14 1 PCT-US92-06685-2  
C 853 9.8 0.5 14 1 PCT-US95-06379-15  
C 854 9.8 0.5 14 1 PCT-US95-10721-6  
C 855 9.8 0.5 14 1 PCT-US95-16904-2

ALIGNMENTS

RESULT 1  
US-08-804-166-19/c  
; Sequence 19, Application US/08804166  
; Patent No. 6193972  
; GENERAL INFORMATION:  
; APPLICANT: Campbell, Robert K.  
; APPLICANT: Jameson, Bradford A.  
; APPLICANT: Chappel, Scott C.  
; TITLE OF INVENTION: HYBRID PROTEINS  
; NUMBER OF SEQUENCES: 22  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street N.W., Ste. 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 22207  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/08/804,166  
; FILING DATE: 20 February 1996  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/011,936  
; FILING DATE: 20 February 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Browdy, Roger L.  
; REGISTRATION NUMBER: 25,618  
; TELEPHONE: (202) 628-5197  
; TELEFAX: (202) 737-3528  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-08-804-166-19

Query Match 1.0%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAGGCACCACA 888  
Db 21 ACTGAGGACTCAGGCACCACA 1  
RESULT 2  
US-08-910-991-19/c  
; Sequence 19, Application US/08910991  
; Patent No. 6194177  
; GENERAL INFORMATION:  
; APPLICANT: Campbell, Robert K.  
; APPLICANT: Jameson, Bradford A.  
; APPLICANT: Chappel, Scott C.  
; TITLE OF INVENTION: HYBRID PROTEINS  
; NUMBER OF SEQUENCES: 22  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street N.W., Ste. 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 22207  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
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; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/08/910,991  
; FILING DATE:  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/804,166  
; FILING DATE: 20 February 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/011,936  
; FILING DATE: 20 February 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: YUN, Allen C.  
; REGISTRATION NUMBER: 37,971  
; REFERENCE/DOCKET NUMBER: CAMPBELL-2B  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 628-5197  
; TELEFAX: (202) 737-3528  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-08-910-991-19

Query Match 1.0%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAGGCACCACA 888  
Db 21 ACTGAGGACTCAGGCACCACA 1

RESULT 3  
US-09-756-186-19/c  
; Sequence 19, Application US/09756186  
; Patent No. 6663867  
; GENERAL INFORMATION:  
; APPLICANT: Campbell, Robert K.  
; APPLICANT: Jameson, Bradford A.  
; APPLICANT: Chappel, Scott C.  
; TITLE OF INVENTION: HYBRID PROTEINS  
; NUMBER OF SEQUENCES: 22

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: BROWDY AND NEIMARK  
;; STREET: 419 Seventh Street N.W., Ste. 300  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 22207  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent in Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; FILING DATE: US/09/756,186  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/804,166  
;; FILING DATE:  
;; CLASSIFICATION:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Browdy, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: CAMPBELL=2A  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 628-5197  
;; TELEFAX: (202) 737-3528  
;; INFORMATION FOR SEQ ID NO: 19:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 21 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: CDNA  
;; US-09-756-186-19  
  
Query Match 1.0%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred.No.1.6;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 868 ACTGAGGACTCAGGACCACCA 888  
DB 21 ACTGAGGACTCAGGACCACCA 1  
  
RESULT 4  
US-08-529-190B-7  
; Sequence 7, Application US/08529190B  
; Patent No. 5833991  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 76  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/529,190B  
; FILING DATE: 15-SEP-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE9501324-9  
; FILING DATE: 10-APR-1995

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US08/522,595  
;; FILING DATE: 01-SEP-1995  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Williams, Ph.D., Kathleen A  
;; REGISTRATION NUMBER: 34,380  
;; REFERENCE/DOCKET NUMBER: 3255/53015  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-345-9100  
;; TELEFAX: 617-345-9111  
;; INFORMATION FOR SEQ ID NO: 7:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: other nucleic acid  
;; US-08-529-190B-7  
  
Query Match 1.0%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred.No.3.3;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148  
DB 1 TTCCACCTTCACCTCCAGCTCCAC 24  
  
RESULT 5  
US-08-747-562-2/c  
; Sequence 2, Application US/08747562  
; Patent No. 6579697  
; GENERAL INFORMATION:  
; APPLICANT: WALLACH, David  
; APPLICANT: BOLDIN, Mark  
; APPLICANT: METT, Igor  
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS  
; TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/747,562  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/05854  
; FILING DATE: 11-MAY-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: IL 109,632  
; FILING DATE: 11-MAY-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: IL 111,125  
; FILING DATE: 02-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: WALLACH=15A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs

;  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-08-747-562-2

Query Match 0.9%; Score 20; DB 1; Length 28;  
Best Local Similarity 100.0%; Pred. No. 9;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACCACT 890  
DB 28 GAGGACTCAGGCACCACT 9

## RESULT 6

US-08-529-190B-10  
; Sequence 10, Application US/08529190B

; Patent No. 5833991

; GENERAL INFORMATION:

; APPLICANT: Masucci, Maria G.

; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: Wordperfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/529,190B

; FILING DATE: 15-SEP-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: SE9501324-9

; FILING DATE: 10-APR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US08/522,595

; FILING DATE: 01-SEP-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Williams, Ph.D., Kathleen A

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3255/53015

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617-345-9100

; TELEFAX: 617-345-9111

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-529-190B-10

Query Match 0.9%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 9.1;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148  
DB 1 TTCCACCGGCACCTCCAGCTCCTC 24

## RESULT 7

US-08-529-190B-16

; Sequence 16, Application US/08529190B

; Patent No. 5833991

; GENERAL INFORMATION:

; APPLICANT: Masucci, Maria G.

; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: Wordperfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/529,190B

; FILING DATE: 15-SEP-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: SE9501324-9

; FILING DATE: 10-APR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US08/522,595

; FILING DATE: 01-SEP-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Williams, Ph.D., Kathleen A

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3255/53015

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617-345-9100

; TELEFAX: 617-345-9111

; INFORMATION FOR SEQ ID NO: 16:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

US-08-529-190B-16

Query Match 0.9%; Score 18.8; DB 1; Length 24;

Best Local Similarity 90.9%; Pred. No. 12;

Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TTCACCTTCACCTCCAGCTCCA 1147  
DB 2 TTCACCGGCACCTCCAGCTCCA 23

## RESULT 8

US-08-403-888A-33/c

; Sequence 33, Application US/08403888A

; Patent No. 5952490

; GENERAL INFORMATION:

; APPLICANT: Hanecak et al.

; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

; NUMBER OF SEQUENCES: 146

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

; CITY: Philadelphia

; STATE: PA

; COUNTRY: U.S.A.

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

US-08-403-888A-34  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-403-888A-33

Query Match 0.8%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 20;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1244 COTCCGACCCCATCCCAACCCC 1266  
DB 25 CCCCCAACCCCAACCCCAACCCC 3

RESULT 9  
US-08-403-888A-34/c  
; Sequence 34, Application US/08403888A  
; Patent No. 5952490  
; GENERAL INFORMATION:  
; APPLICANT: Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; TITLE OF INVENTION: Sequence  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 34:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-403-888A-34  
Query Match 0.8%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 20;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1244 COTCCGACCCCATCCCAACCCC 1266  
DB 25 CCCCCAACCCCAACCCCAACCCC 3  
RESULT 10  
US-08-192-102-15/c  
; Sequence 15, Application US/08192102  
; Patent No. 5656272  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter E.  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott A.  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,102  
; FILING DATE: 04-FEB-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,093  
; FILING DATE: 04-FEB-1994  
; APPLICATION NUMBER: US/08/013,413  
; FILING DATE: 02-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/010,406  
; FILING DATE: 29-JAN-1993  
; APPLICATION NUMBER: US/07/943,852  
; FILING DATE: 11-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/853,606  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/670,827  
; FILING DATE: 18-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brook, David E.  
; REGISTRATION NUMBER: 22,592  
; REFERENCE/DOCKET NUMBER: NYU93-01M3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 861-6240  
; TELEFAX: (617) 861-9540  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-192-102-15

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      835 TTGTGCTACCCAGATT 852
Db      18 TTGTGCTACCCAGATT 1

RESULT 11
US-08-324-799-15/c
; Sequence 15, Application US/08324799
; Patent No. 5698135
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      835 TTGTGCTACCCAGATT 852
Db      18 TTGTGCTACCCAGATT 1

RESULT 12
US-08-192-861A-15/c
; Sequence 15, Application US/08192861A
; Patent No. 5919452
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
; TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,861A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M2
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
```

US-08-192-861A-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852  
Db 18 TTGTGCTACCCAGATT 1

RESULT 13

US-09-106-038A-47/c  
Sequence 47, Application US/09106038A  
Patent No. 6007995

GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker and Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Isis Pharmaceuticals, Inc.  
STREET: 2292 Faraday Avenue  
CITY: Carlsbad  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92008

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows NT  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,038A  
FILING DATE: June 26, 1998  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Laurel Spear Bernstein  
REGISTRATION NUMBER: 37,280  
REFERENCE/DOCKET NUMBER: RTS-0004  
TELEPHONE: (760) 931-9200  
TELEFAX: (760) 603-3820  
INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-106-038A-47

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 732 GGAGAACAGAACCGT 749  
Db 18 GGAGAACAGAACCGT 1

RESULT 14

US-09-106-038A-48/c  
Sequence 48, Application US/09106038A  
Patent No. 6007995

GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker and Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Isis Pharmaceuticals, Inc.  
STREET: 2292 Faraday Avenue  
CITY: Carlsbad

STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92008

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows NT  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,038A  
FILING DATE: June 26, 1998  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Laurel Spear Bernstein  
REGISTRATION NUMBER: 37,280  
REFERENCE/DOCKET NUMBER: RTS-0004  
TELEPHONE: (760) 931-9200  
TELEFAX: (760) 603-3820  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-106-038A-48

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 786 CGAGTGTCTCCTGTAG 803  
Db 18 CGAGTGTCTCCTGTAG 1

RESULT 15

US-09-106-038A-49/c  
Sequence 49, Application US/09106038A  
Patent No. 6007995

GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker and Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Isis Pharmaceuticals, Inc.  
STREET: 2292 Faraday Avenue  
CITY: Carlsbad  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92008

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows NT  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,038A  
FILING DATE: June 26, 1998  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Laurel Spear Bernstein  
REGISTRATION NUMBER: 37,280  
REFERENCE/DOCKET NUMBER: RTS-0004  
TELEPHONE: (760) 931-9200  
TELEFAX: (760) 603-3820  
INFORMATION FOR SEQ ID NO: 49:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single



TOPOLOGY: linear	US-09-106-038A-49	Query Match	0.8%; Score 19; DB 1; Length 19;	Best Local Similarity 100.0%; Pred. No. 7.6;	Mismatches 0; Indels 0; Gaps 0;
QY	796 TCCTGTACTAGTGAAG 813				
DB	18 TCCTGTACTAGTGAAG 1				
RESULT 16	US-09-106-038A-50/c				
	Sequence 50, Application US/09106038A				
	Patent No. 6007995				
	GENERAL INFORMATION:				
	APPLICANT: Brenda F. Baker and Lex M. Cowser				
	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1				
	TITLE OF INVENTION: EXPRESSION				
	NUMBER OF SEQUENCES: 91				
	CORRESPONDENCE ADDRESS:				
	ADDRESSEE: Isis Pharmaceuticals, Inc.				
	STREET: 2292 Faraday Avenue				
	CITY: Carlsbad				
	STATE: CA				
	COUNTRY: U.S.A.				
	ZIP: 92008				
	COMPUTER READABLE FORM:				
	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb				
	COMPUTER: IBM PC compatible				
	OPERATING SYSTEM: Windows NT				
	SOFTWARE: Microsoft Word 97				
	CURRENT APPLICATION DATA:				
	APPLICATION NUMBER: US/09/106.038A				
	FILING DATE: June 26, 1998				
	CLASSIFICATION: 514				
	ATTORNEY/AGENT INFORMATION:				
	NAME: Laurel Spear Bernstein				
	REGISTRATION NUMBER: 37,280				
	REFERENCE/DOCKET NUMBER: RTS-0004				
	TELEPHONE: (760) 931-9200				
	TELEFAX: (760) 603-3820				
	INFORMATION FOR SEQ ID NO: 51:				
	SEQUENCE CHARACTERISTICS:				
	LENGTH: 18				
	TYPE: nucleic acid				
	STRANDEDNESS: single				
	TOPOLOGY: linear				
	COUNTRY: U.S.A.				
	ZIP: 92008				
	COMPUTER READABLE FORM:				
	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb				
	COMPUTER: IBM PC compatible				
	OPERATING SYSTEM: Windows NT				
	SOFTWARE: Microsoft Word 97				
	CURRENT APPLICATION DATA:				
	APPLICATION NUMBER: US/09/106.038A				
	FILING DATE: June 26, 1998				
	CLASSIFICATION: 514				
	ATTORNEY/AGENT INFORMATION:				
	NAME: Laurel Spear Bernstein				
	REGISTRATION NUMBER: 37,280				
	REFERENCE/DOCKET NUMBER: RTS-0004				
	TELEPHONE: (760) 931-9200				
	TELEFAX: (760) 603-3820				
	INFORMATION FOR SEQ ID NO: 50:				
	SEQUENCE CHARACTERISTICS:				
	LENGTH: 18				
	TYPE: nucleic acid				
	STRANDEDNESS: single				
	TOPOLOGY: linear				
	COUNTRY: U.S.A.				
	ZIP: 92008				
	COMPUTER READABLE FORM:				
	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb				
	COMPUTER: IBM PC compatible				
	OPERATING SYSTEM: Windows NT				
	SOFTWARE: Microsoft Word 97				
	CURRENT APPLICATION DATA:				
	APPLICATION NUMBER: US/09/106.038A				
	FILING DATE: June 26, 1998				
	CLASSIFICATION: 514				
	ATTORNEY/AGENT INFORMATION:				
	NAME: Laurel Spear Bernstein				
	REGISTRATION NUMBER: 37,280				
	REFERENCE/DOCKET NUMBER: RTS-0004				
	TELEPHONE: (760) 931-9200				
	TELEFAX: (760) 603-3820				
	INFORMATION FOR SEQ ID NO: 50:				
	SEQUENCE CHARACTERISTICS:				
	LENGTH: 18				
	TYPE: nucleic acid				
	STRANDEDNESS: single				
	TOPOLOGY: linear				



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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-55

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Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 911 TCTTTGGTCCTTTCCTTT 928
Db 18 TCTTTGGTCCTTTCCTTT 1

```

```

RESULT 22
US-09-106-038A-56/c
; Sequence 56, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-56

```

```

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 921 TTGCCTTTTATCCCTCT 938
Db 18 TTGCCTTTTATCCCTCT 1

```

```

RESULT 23
US-09-106-038A-57/c
; Sequence 57, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-57

```

```

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 921 TTGCCTTTTATCCCTCT 938
Db 18 TTGCCTTTTATCCCTCT 1

```

```

RESULT 24
US-09-106-038A-58/c
; Sequence 58, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:

```

```

; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-57

```

```

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 929 TATCCCTCTCTTCATTG 946
Db 18 TATCCCTCTCTTCATTG 1

```

```

RESULT 24
US-09-106-038A-58/c
; Sequence 58, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:

```

```

; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-58

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTCGTTTAA 952
Db 18 TCCTCTTCATTCGTTTAA 1

RESULT 25
US-09-106-038A-59/c
; Sequence 59, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 59:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-60

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 992 TTGTTTCTGGGAATCGA 1009
Db 18 TTGTTTCTGGGAATCGA 1

RESULT 27
US-09-106-038A-61/c
; Sequence 61, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 61:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-59

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 ATGTATCGTACCAACGG 969
Db 18 ATGTATCGTACCAACGG 1

RESULT 26
US-09-106-038A-60/c
; Sequence 60, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91

```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-61

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 1033 GAAGGAAGTACTACTAAG 1050
    |||||
Db 18 GAAGGAAGTACTACTAAG 1

RESULT 28
US-09-106-038A-62/c
; Sequence 62, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-62

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 1075 AGTCCCACTCCAGGCTTC 1092
    |||||
Db 18 AGTCCCACTCCAGGCTTC 1

RESULT 29
US-09-106-038A-63/c
; Sequence 63, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-63

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 1098 CACCCCTGGGCTTCAGTCC 1115
    |||||
Db 18 CACCCCTGGGCTTCAGTCC 1

RESULT 30
US-09-106-038A-64/c
; Sequence 64, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-64
```

; INFORMATION FOR SEQ ID NO: 64;  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-106-038A-64

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1113 TCCCGTGCCAGTTCAC 1130  
|||||  
Db 18 TCCCGTGCCAGTTCAC 1

## RESULT 31

US-09-106-038A-65/c  
; Sequence 65, Application US/09106038A  
; Patent No. 6007995

; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker and Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Isis Pharmaceuticals, Inc.  
; STREET: 2292 Faraday Avenue  
; CITY: Carlsbad  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92008

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows NT  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/106,038A  
; FILING DATE: June 26, 1998  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Laurel Spear Bernstein  
; REGISTRATION NUMBER: 37,280  
; REFERENCE/DOCKET NUMBER: RTS-0004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (760) 931-9200  
; TELEFAX: (760) 603-3820

; INFORMATION FOR SEQ ID NO: 65:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-106-038A-65

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1118 TGCCAGTTCACCTTCA 1135  
|||||  
Db 18 TGCCAGTTCACCTTCA 1

## RESULT 32

US-09-106-038A-66/c  
; Sequence 66, Application US/09106038A  
; Patent No. 6007995

; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker and Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1

; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Isis Pharmaceuticals, Inc.  
; STREET: 2292 Faraday Avenue  
; CITY: Carlsbad  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92008

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows NT  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/106,038A  
; FILING DATE: June 26, 1998  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Laurel Spear Bernstein  
; REGISTRATION NUMBER: 37,280  
; REFERENCE/DOCKET NUMBER: RTS-0004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (760) 931-9200  
; TELEFAX: (760) 603-3820

; INFORMATION FOR SEQ ID NO: 66:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-106-038A-66

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCT 1144  
|||||  
Db 18 CCACCTTCACCTCCAGCT 1

## RESULT 33

US-09-106-038A-67/c  
; Sequence 67, Application US/09106038A  
; Patent No. 6007995

; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker and Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Isis Pharmaceuticals, Inc.  
; STREET: 2292 Faraday Avenue  
; CITY: Carlsbad  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92008

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows NT  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/106,038A  
; FILING DATE: June 26, 1998  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Laurel Spear Bernstein  
; REGISTRATION NUMBER: 37,280  
; REFERENCE/DOCKET NUMBER: RTS-0004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (760) 931-9200

```
;
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-106-038A-67
;
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1162 GACTGTCCCAACTTGGC 1179
Db 18 GACTGTCCCAACTTGGC 1

RESULT 34
US-09-106-038A-68/c
; Sequence 68, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-106-038A-68
;
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 CCCGACAGAGGTGGCAC 1201
Db 18 CCCGACAGAGGTGGCAC 1

RESULT 35
US-09-106-038A-69/c
; Sequence 69, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-106-038A-69
;
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TCAGAAAGTCGGAGGACAG 1286
Db 18 TCAGAAAGTCGGAGGACAG 1

RESULT 36
US-09-106-038A-70/c
; Sequence 70, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-106-038A-70
;
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

TELEPHONE: (760) 931-9200  
TELEFAX: (760) 603-3820  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-106-038A-70

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred.No. 7.6; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1290 CCACAAGCCACAGAGCCT 1307  
Db 18 CCACAAGCCACAGAGCCT 1

RESULT 37

US-09-133-119-15/c  
Sequence 15, Application US/09133119  
Patent No. 6277969  
GENERAL INFORMATION:  
APPLICANT: Le, Junming  
APPLICANT: Vilcek, Jan  
APPLICANT: Daddona, Peter E.  
APPLICANT: Grayeb, John  
APPLICANT: Knight, David M.  
APPLICANT: Siegel, Scott A.  
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES  
TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02173

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/133,119  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/570,674  
FILING DATE: 11-DEC-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/324,799  
FILING DATE: 18-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/192,093  
FILING DATE: 04-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/192,102  
FILING DATE: 04-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/192,861  
FILING DATE: 04-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/013,413  
FILING DATE: 02-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/010,406  
FILING DATE: 29-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/943,852  
FILING DATE: 11-SEP-1992  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/853,606  
FILING DATE: 18-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/670,827  
FILING DATE: 18-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Brook, David E.  
REGISTRATION NUMBER: 22,592  
REFERENCE/DOCKET NUMBER: NYU93-01M4A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 861-6240  
TELEFAX: (617) 861-9540  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-09-133-119-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred.No. 7.6; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
Db 18 TTGTGCTACCCAGATT 1

RESULT 38

US-08-192-093A-15/c  
Sequence 15, Application US/08192093A  
Patent No. 6284471  
GENERAL INFORMATION:  
APPLICANT: Le, Junming  
APPLICANT: Vilcek, Jan  
APPLICANT: Daddona, Peter E.  
APPLICANT: Grayeb, John  
APPLICANT: Knight, David M.  
APPLICANT: Siegel, Scott A.  
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
TITLE OF INVENTION: ANTI-TNF ANTIBODIES  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02173  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/192,093A  
FILING DATE: 04-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/013,413  
FILING DATE: 02-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/010,406  
FILING DATE: 29-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/943,852  
FILING DATE: 11-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/853,606  
FILING DATE: 18-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/670,827



FILING DATE: 18-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Brook, David E.  
REGISTRATION NUMBER: 22,592  
REFERENCE/DOCKET NUMBER: NYU93-01M3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 861-6240  
TELEFAX: (617) 861-9540  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-192-033A-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTTACCCGAGTT 852  
DB 18 TTGTGCTTACCCGAGTT 1

RESULT 39  
US-09-106-038A-24/C  
Sequence 24, Application US/09106038A  
Patent No. 6007995  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker and Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Isis Pharmaceuticals, Inc.  
STREET: 2292 Faraday Avenue  
CITY: Carlsbad  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92008  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows NT  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,038A  
FILING DATE: June 26, 1998  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Laurel Spear Bernstein  
REGISTRATION NUMBER: 37,280  
REFERENCE/DOCKET NUMBER: RTS-0004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (760) 931-9200  
TELEFAX: (760) 603-3820  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-106-038A-24

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 280 CTGCTGCTCCCGCTGGTG 297  
DB 18 CTGCTGCTCCCGCTGGTG 1

RESULT 40  
US-08-697-610-11  
Sequence 11, Application US/08697610  
Patent No. 6172187  
GENERAL INFORMATION:  
APPLICANT: Reed, John C.  
APPLICANT: Sato, Takaaki  
TITLE OF INVENTION: CD40 Associated Proteins  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/697,610  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/349,357  
FILING DATE: 02-DEC-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LJ 1203  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-697-610-11

Query Match 0.8%; Score 18; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 19;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAACGGTGGAG 975  
DB 7 CGCTACCAACGGTGGAG 24

RESULT 41  
US-08-349-357-11  
Sequence 11, Application US/08349357  
Patent No. 6265556  
GENERAL INFORMATION:  
APPLICANT: Reed, John C.  
APPLICANT: Sato, Takaaki  
TITLE OF INVENTION: CD40 Associated Proteins  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/08/349,357  
APPLICATION DATE: 02-DEC-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LJ 1203  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-349-357-11

Query Match 0.8%; Score 18; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 19;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAACGGTGGAG 975  
DB 7 CGCTACCAACGGTGGAG 24

RESULT 42  
US-08-474-542A-150  
Sequence 150, Application US/08474542A  
Patent No. 5527898  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Gravitt, Patti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Impraum, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/474,542A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9234  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 150:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
US-08-474-542A-150  
Query Match 0.8%; Score 17.8; DB 1; Length 23;  
Best Local Similarity 90.5%; Pred. No. 19;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1002 GAAATCGACACCTGAAAAAGA 1022  
DB 3 GAAACCCACACCTGAAAAAGA 23  
RESULT 43  
US-08-474-542A-151  
Sequence 151, Application US/08474542A  
Patent No. 5527898  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Gravitt, Patti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Impraum, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/474,542A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9234  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 151:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-474-542A-151  
Query Match 0.8%; Score 17.8; DB 1; Length 23;  
Best Local Similarity 90.5%; Pred. No. 19;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1002 GAAATCGACACCTGAAAAAGA 1022  
DB 2 GAAACCCACACCTGAAAAAGA 22  
RESULT 44  
US-08-457-648-150  
Sequence 150, Application US/08457648  
Patent No. 5639871  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Impraam, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,648

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9205

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 150:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-457-648-150

Query Match 0.8%; Score 17.8; DB 1; Length 23;  
Best Local Similarity 90.5%; Pred. No. 19;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1002 GAAATCGACACCTGAAAAGA 1022  
Db 3 GAAACCCACACCTGAAAAGA 23

RESULT 45

US-08-457-648-151

Sequence 151, Application US/08457648

Patent No. 5639871

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Impraam, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/457,648

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9205

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 151:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-457-648-151

Query Match 0.8%; Score 17.8; DB 1; Length 23;

Best Local Similarity 90.5%; Pred. No. 19;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1002 GAAATCGACACCTGAAAAGA 1022  
Db 2 GAAACCCACACCTGAAAAGA 22

RESULT 46

US-08-529-190B-13

Sequence 13, Application US/08529190B

Patent No. 5833991

GENERAL INFORMATION:

APPLICANT: Masucci, Maria G.

TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.

STREET: One Financial Center

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: DOS

SOFTWARE: Wordperfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/529,190B

FILING DATE: 15-SEP-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: SE9501324-9

FILING DATE: 10-APR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/522,595

FILING DATE: 01-SEP-1995

ATTORNEY/AGENT INFORMATION:

NAME: Williams, Ph.D., Kathleen A.

REGISTRATION NUMBER: 34,380

REFERENCE/DOCKET NUMBER: 3255/53015

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-345-9100

TELEFAX: 617-345-9111

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 bases

TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-529-190B-13
Query Match 0.8%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 22;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCCCTCCAGCTCC 1146
||||| |||||||
Db 2 TCCACCGGCACCTCCAGCTCC 22

RESULT 47
US-08-403-888A-36/c
; Sequence 36, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-36
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 24;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
||||| |||||||
Db 22 CCCAACCCCAACCCCAACCCC 1

RESULT 48
US-08-403-888A-44/c
; Sequence 44, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
```

```
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-44
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 24;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
||||| |||||||
Db 22 CCCAACCCCAACCCCAACCCC 1

RESULT 49
US-08-403-888A-110/c
; Sequence 110, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-110

Query Match      0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 24;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1245 CTCGACCCCATCCCCAACCCC 1266
DB      22 CCCCAACCCCAACCCCAACCCC 1

RESULT 50
US-08-403-888A-117/c
; Sequence 117, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-117

Query Match      0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 24;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1245 CTCGACCCCATCCCCAACCCC 1266
DB      22 CCCCAACCCCAACCCCAACCCC 1

ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-110

Query Match      0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 24;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1245 CTCGACCCCATCCCCAACCCC 1266
DB      22 CCCCAACCCCAACCCCAACCCC 1

RESULT 51
US-08-031-147A-52/c
; Sequence 52, Application US/08031147A
; Patent No. 5514577
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: MacKiewicz & No. 5514577ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,147A
; FILING DATE: March 12, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-031-147A-52

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1245 CTCGACCCCATCCCCAACCCC 1266
DB      24 CCCCAACCCCAACCCCAACCCC 3

RESULT 52
US-08-529-190B-4
; Sequence 4, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,190B  
FILING DATE: 15-SEP-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION NUMBER: S9501324-9  
FILING DATE: 10-APR-1995  
APPLICATION DATA:  
APPLICATION NUMBER: US08/522,595  
FILING DATE: 01-SEP-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen A  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3255/53015  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-529-190B-4

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147  
|||||  
DB 2 TCCACCGCACCTCCAGCACCA 23

RESULT 53  
US-08-529-190B-5/c  
Sequence 5, Application US/08529190B  
Patent No. 5833991  
GENERAL INFORMATION:  
APPLICANT: Masucci, Maria G.  
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,190B  
FILING DATE: 15-SEP-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION NUMBER: S9501324-9

FILING DATE: 10-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US08/522,595  
FILING DATE: 01-SEP-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen A  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3255/53015  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-529-190B-5

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1129 ACCTTCACCTCCAGCTCCACT 1150  
|||||  
DB 24 ACCCGCACCTCCAGCTCCACT 3

RESULT 54  
US-08-403-888A-35/c  
Sequence 35, Application US/08403888A  
Patent No. 5952490  
GENERAL INFORMATION:  
APPLICANT: Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
NUMBER OF SEQUENCES: 146  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/403,888A  
FILING DATE: 12-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/954,185  
FILING DATE: 29-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-403-888A-35

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
Db 24 CCCCAACCCCAACCCCAACCCC 3

## RESULT 55

US-08-403-888A-43/c  
; Sequence 43, Application US/08403888A  
; Patent No. 5952490  
; GENERAL INFORMATION:  
; APPLICANT: Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992  
; ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Leggaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 43:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-403-888A-43

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
Db 24 CCCCAACCCCAACCCCAACCCC 3

## RESULT 56

US-08-403-888A-109/c  
; Sequence 109, Application US/08403888A  
; Patent No. 5952490  
; GENERAL INFORMATION:  
; APPLICANT: Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia

STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992  
; ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Leggaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 109:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-403-888A-109

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266

Db 24 CCCCAACCCCAACCCCAACCCC 3

## RESULT 57

US-08-403-888A-116/c  
; Sequence 116, Application US/08403888A  
; Patent No. 5952490  
; GENERAL INFORMATION:

APPLICANT: Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992  
; ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Leggaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100

```
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 24
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; US-08-403-888A-116
Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24 CCCCACCCCAACCCCAACCCC 3

RESULT 58
US-08-729-598-3/c
; Sequence 3, Application US/08729598
; Patent No. 6001657
; GENERAL INFORMATION:
; APPLICANT: Hardin, Charles C.
; APPLICANT: Brown II, Bernard A.
; APPLICANT: Roberts, John J.
; TITLE OF INVENTION: Antibodies That Selectively Bind
; TITLE OF INVENTION: Quadruplex Nucleic Acids
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sorojini J. Biswas
; STREET: P.O. Box 37428
; CITY: Raleigh
; STATE: NC 6001657th Carolina
; COUNTRY: USA
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/729,598
; FILING DATE: 11-OCT-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Biswas, Sorojini J.
; REGISTRATION NUMBER: 39,111
; REFERENCE/DOCKET NUMBER: 5051-301A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 854-1400
; TELEFAX: (919) 854-1401
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; US-08-729-598-3
Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24 CCCCACCCCAACCCCAACCCC 3

RESULT 59
US-08-819-867-29
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```
; Sequence 29, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-819-867-29
Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 1 CCCCACCCCAACCCCAACCCC 22

RESULT 60
US-08-819-867-32/c
; Sequence 32, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
```



APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine M. Strahl  
APPLICANT: Michael J. Mceachern  
APPLICANT: Jerry Shay  
APPLICANT: Woodring E. Wright  
APPLICANT: Elizabeth H. Blackburn  
APPLICANT: Nam Woo Kim  
APPLICANT: Homayoun Vaziri  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
TITLE OF INVENTION: CONDITIONS RELATED TO  
TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
TITLE OF INVENTION: TELOMERASE ACTIVITY  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/819,867  
FILING DATE: March 14, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/153,051  
FILING DATE: No. 6007989ember 12, 1993  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-819-867-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1245 CTCGACCCCATCCCAACCCC 1266  
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 61  
US-08-819-867-34/c  
Sequence 34, Application US/08819867  
Patent No. 6007989  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
APPLICANT: Calvin B. Harley  
APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine M. Strahl  
APPLICANT: Michael J. Mceachern  
APPLICANT: Jerry Shay  
APPLICANT: Woodring E. Wright

APPLICANT: Elizabeth H. Blackburn  
APPLICANT: Nam Woo Kim  
APPLICANT: Homayoun Vaziri  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
TITLE OF INVENTION: CONDITIONS RELATED TO  
TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
TITLE OF INVENTION: TELOMERASE ACTIVITY  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/819,867  
FILING DATE: March 14, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/153,051  
FILING DATE: No. 6007989ember 12, 1993  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-819-867-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1245 CTCGACCCCATCCCAACCCC 1266  
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 62  
US-09-378-535-29  
Sequence 29, Application US/09378535  
Patent No. 6551774  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
APPLICANT: Calvin B. Harley  
APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine M. Strahl  
APPLICANT: Michael J. Mceachern  
APPLICANT: Jerry Shay  
APPLICANT: Woodring E. Wright  
APPLICANT: Elizabeth H. Blackburn  
APPLICANT: Nam Woo Kim  
APPLICANT: Homayoun Vaziri  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
CONDITIONS RELATED TO

TELOMERE LENGTH AND/OR  
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/378,535  
FILING DATE: 20-Aug-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/819,867  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-09-378-535-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
DB 1 CCCACCCCAACCCCAACCCC 22

RESULT 63  
US-09-378-535-32/c  
Sequence 32, Application US/09378535  
Patent No. 6551774  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
Calvin B. Harley  
Scott L. Weinrich  
Catherine M. Strahl  
Michael J. Mceachern  
Jerry Shay  
Woodring E. Wright  
Elizabeth H. Blackburn  
Nam Woo Kim  
Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
CONDITIONS RELATED TO  
TELOMERE LENGTH AND/OR  
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street

Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/378,535  
FILING DATE: 20-Aug-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/819,867  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 32:  
US-09-378-535-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
DB 24 CCCACCCCAACCCCAACCCC 3

RESULT 64  
US-09-378-535-34/c  
Sequence 34, Application US/09378535  
Patent No. 6551774  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
Calvin B. Harley  
Scott L. Weinrich  
Catherine M. Strahl  
Michael J. Mceachern  
Jerry Shay  
Woodring E. Wright  
Elizabeth H. Blackburn  
Nam Woo Kim  
Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
CONDITIONS RELATED TO  
TELOMERE LENGTH AND/OR  
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/378,535  
FILING DATE: 20-Aug-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/819,867  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 34:  
US-09-378-535-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 65  
PCT-US94-02471-52/c  
Sequence 52, Application PC/TUS9402471  
GENERAL INFORMATION:  
APPLICANT: Draper et al.  
TITLE OF INVENTION: Oligonucleotide Therapies for  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02471  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 485,297  
FILING DATE: February 26, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,132  
FILING DATE: April 28, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 954,185  
FILING DATE: September 29, 1992  
ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0469  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
PCT-US94-02471-52

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 32;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 66  
US-08-584-040-7257/c  
Sequence 7257, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single



CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: 08/347,563  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer SWS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-488-214A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 40;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
|||||  
Db 18 CAGGAGAAACAGAACAC 2

RESULT 70  
US-08-488-208A-45/c  
Sequence 45, Application US/08488208A  
Patent No. 6124448  
GENERAL INFORMATION:  
APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,208A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/485,943  
FILING DATE: June 7, 1995  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: 08/347,563

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: 08/347,563  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer SWS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-488-208A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 40;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
|||||  
Db 18 CAGGAGAAACAGAACAC 2

RESULT 71  
US-08-483-211A-45/c  
Sequence 45, Application US/08483211A  
Patent No. 6309853  
GENERAL INFORMATION:  
APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,211A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/485,943  
FILING DATE: June 7, 1995  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: 08/347,563

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
FILING DATE: 08/292,345  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-483-211A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 40;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
Db 18 CAGGAGAAACACACAC 2

RESULT 72  
US-08-488-223A-45/c  
Sequence 45, Application US/08488223A  
Patent No. 6350730  
GENERAL INFORMATION:  
APPLICANT: THE ROCKFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,223A  
FILING DATE: 07-Jun-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/485,943  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6350730ember 30, 1994  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-488-223A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 40;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
Db 18 CAGGAGAAACACACAC 2

RESULT 73  
US-08-438-431A-45/c  
Sequence 45, Application US/08438431A  
Patent No. 6429290  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MARFEEI  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/438,431A  
FILING DATE: May 10, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6429290ember 30, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: sequence tagged-site specific PCR primer SWS2359  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
US-08-438-431A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 40;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
|||||  
DB 18 CAGGAGAAACAGAACAC 2

## RESULT 74

US-08-488-225A-45/c  
; Sequence 45, Application US/08488225A  
; Patent No. 6471956  
; GENERAL INFORMATION:

; APPLICANT: THE ROCKEFELLER UNIVERSITY  
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE  
; NUMBER OF SEQUENCES: 98  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/488,225A  
; FILING DATE: June 7, 1995

; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/483,211  
; FILING DATE: June 7, 1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995

; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6471956ember 30, 1994

; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994

; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:

; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684

; TELEX: 133521

; INFORMATION FOR SEQ ID NO: 45:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (primer)

; DESCRIPTION: sequence tagged-site specific PCR primer  
; DESCRIPTION: SWS2359  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
US-08-488-225A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 40;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
|||||  
DB 18 CAGGAGAAACAGAACAC 2

## RESULT 75

US-08-031-147A-55/c  
; Sequence 55, Application US/08031147A  
; Patent No. 5514577  
; GENERAL INFORMATION:

; APPLICANT: Draper et al.  
; TITLE OF INVENTION: Oligonucleotide Therapies for  
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5514577ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/031,147A  
; FILING DATE: March 12, 1993

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 485,297

; FILING DATE: February 26, 1990

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 852,132

; FILING DATE: April 28, 1992

; PRIOR APPLICATION DATA: 954,185

; APPLICATION NUMBER: 954,185

; FILING DATE: September 29, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISIS-0469

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 55:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; ANTI-SENSE: yes

US-08-031-147A-55

Query Match 0.7%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 56;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266

Db 19 ACCCCACCCCAACCCC 3

RESULT 76

US-08-403-888A-37/c

Sequence 37, Application US/08403888A

Patent No. 5952490

GENERAL INFORMATION:

APPLICANT: Hanecak et al.

TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

TITLE OF INVENTION: Sequence

NUMBER OF SEQUENCES: 146

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-403-888A-37

Query Match 0.7%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 56;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCCAACCCC 1266

Db 19 ACCCCACCCCAACCCC 3

RESULT 77

US-08-403-888A-45/c

Sequence 45, Application US/08403888A

Patent No. 5952490

GENERAL INFORMATION:

APPLICANT: Hanecak et al.

TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

TITLE OF INVENTION: Sequence

NUMBER OF SEQUENCES: 146

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-403-888A-37

Query Match 0.7%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 56;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCCAACCCC 1266

Db 19 ACCCCACCCCAACCCC 3

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-403-888A-45

Query Match 0.7%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 56;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCCAACCCC 1266

Db 19 ACCCCACCCCAACCCC 3

RESULT 78

US-08-403-888A-114/c

Sequence 114, Application US/08403888A

Patent No. 5952490

GENERAL INFORMATION:

APPLICANT: Hanecak et al.

TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

TITLE OF INVENTION: Sequence

NUMBER OF SEQUENCES: 146

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 114:

SEQUENCE CHARACTERISTICS:

LENGTH: 20



```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-114

Query Match      0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 79
US-08-403-888A-118/c
; Sequence 118, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-118

Query Match      0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 80
PCT-US94-02471-55/c
; Sequence 55, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
```

```
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US94-02471-55

Query Match      0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 81
US-09-422-978-8726/c
; Sequence 8726, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8726
; LENGTH: 21
```

; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..21  
; OTHER INFORMATION: downstream amplification primer 99-17829 for SEQ 861, in compleme  
US-09-422-978-8726

Query Match 0.7%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 74;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 GGTTCCTCTCTAAGAGAAA 785  
DB 21 GGTCTCTCTCTAAGAAA 2

## RESULT 82

US-09-180-437-105/C  
; Sequence 105, Application US/09180437  
; Patent No. 6251873

; GENERAL INFORMATION:  
; APPLICANT: FUKUSAKO, Shioji  
; APPLICANT: MORISAWA, Yoshifumi  
; APPLICANT: KUSUYAMA, Takeshi  
; TITLE OF INVENTION: Antisense Compounds to CD14  
; FILE REFERENCE: 1110-209P  
; CURRENT APPLICATION NUMBER: US/09/180,437  
; CURRENT FILING DATE: 1998-11-06  
; EARLIER APPLICATION NUMBER: PCT/JP98/00953  
; EARLIER FILING DATE: 1998-03-09  
; EARLIER APPLICATION NUMBER: 09-053518 JAPAN  
; EARLIER FILING DATE: 1997-03-07  
; NUMBER OF SEQ ID NOS: 289  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 105  
; LENGTH: 15

; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: other nucleic  
; OTHER INFORMATION: acid  
US-09-180-437-105

Query Match 0.7%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 28;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 283 CTGTCGCCGTGTG 297  
DB 15 CTGTCGCCGTGTG 1

## RESULT 83

US-08-482-115B-37  
; Sequence 37, Application US/08482115B  
; Patent No. 576679

; GENERAL INFORMATION:  
; APPLICANT: Villeponteau, Bryant  
; APPLICANT: Feng, Junli  
; APPLICANT: Funk, Walter  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: Assays for the RNA Component of Human  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; STREET: Townsend and Townsend and Crew LLP  
; ADDRESS: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/482,115B  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/272,102  
; FILING DATE: 07-JUL-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/330,123  
; FILING DATE: 27-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Storella, John R.  
; REGISTRATION NUMBER: 32,944  
; REFERENCE/DOCKET NUMBER: 015389-000830US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-482-115B-37

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 58;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACC 1264  
DB 1 CCAACCCCAACCCCAACC 18

## RESULT 84

US-08-472-802C-36  
; Sequence 36, Application US/08472802C  
; Patent No. 5958880

; GENERAL INFORMATION:  
; APPLICANT: Villeponteau, Bryant  
; APPLICANT: Feng, Junli  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: Mammalian Telomerase  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/472,802C  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/272,102  
; FILING DATE: 07-JUL-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/330,123  
; FILING DATE: 27-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Smith, William M.

REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 15389-000820  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-472-802C-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 58;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CGACCCCATCCCAACC 1264  
||| ||||| ||||| |||||  
DB 1 CCAACCCCAACCCCAACC 18

## RESULT 85

US-08-954-210-6/c  
; Sequence 6, Application US/08954210  
; Patent No. 6043077  
; GENERAL INFORMATION:  
; APPLICANT: Barber, Jack R.  
; APPLICANT: Welch, Peter J.  
; APPLICANT: Tritz, Richard  
; APPLICANT: Yei, Soonpin  
; APPLICANT: Yu, Mang  
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES  
; NUMBER OF SEQUENCES: 73  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/954,210  
; FILING DATE: 20-OCT-1997  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 480124.403C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-954-210-6

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 58;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGGCTGAC 1221  
||| ||||| ||||| |||||  
DB 18 CCCCATCAGGGGGCTGGC 1

## RESULT 86

US-09-431-419A-6/c  
; Sequence 6, Application US/09431419A  
; Patent No. 6458567  
; GENERAL INFORMATION:  
; APPLICANT: Barber, Jack R.  
; APPLICANT: Welch, Peter J.  
; APPLICANT: Tritz, Richard  
; APPLICANT: Yei, Soonpin  
; APPLICANT: Yu, Mang  
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES  
; FILE REFERENCE: 480124.403C3  
; CURRENT APPLICATION NUMBER: US/09/431,419A  
; CURRENT FILING DATE: 1999-11-01  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 6  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer  
US-09-431-419A-6

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 58;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGGCTGAC 1221  
||| ||||| ||||| |||||  
DB 18 CCCCATCAGGGGGCTGGC 1

## RESULT 87

US-09-057-351-36  
; Sequence 36, Application US/09057351  
; Patent No. 6548298  
; GENERAL INFORMATION:  
; APPLICANT: Villeponteau, Bryant  
; APPLICANT: Feng, Junli  
; APPLICANT: Funk, Walter  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: Mammalian Telomerase  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/057,351  
; FILING DATE: 08-APR-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/272,102  
; FILING DATE: 07-JUL-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/330,123  
; FILING DATE: 27-OCT-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/472,802  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Storella, John R.

REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 015389-000821US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-057-351-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 58;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACC 1264  
Db 1 CCAACCCCAACCCCAACC 18

RESULT 89  
US-09-226-012-62/c  
Sequence 62, Application US/09226012  
Patent No. 6207383

GENERAL INFORMATION:  
APPLICANT: Keating, Mark T.  
APPLICANT: Splawski, Igor  
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT  
FILE REFERENCE: 2323-136  
CURRENT APPLICATION NUMBER: US/09/226,012  
CURRENT FILING DATE: 1999-01-06  
EARLIER APPLICATION NUMBER: 09/122,847  
EARLIER FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 116  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 62  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-226-012-62

Query Match 0.7%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 81;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGGAGGACGCGCCC 1291  
Db 18 AGTGGGAGGACATAGCCC 1

RESULT 89  
US-09-517-467B-308  
Sequence 308, Application US/09517467B  
Patent No. 6451602  
GENERAL INFORMATION:  
APPLICANT: Ian Popoff  
APPLICANT: Lex M. Cowseert  
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION  
FILE REFERENCE: R1S-0150  
CURRENT APPLICATION NUMBER: US/09/517,467B  
CURRENT FILING DATE: 2001-03-02  
PRIOR APPLICATION NUMBER: 09/517,467  
PRIOR FILING DATE: 2000-03-02  
NUMBER OF SEQ ID NOS: 345  
SEQ ID NO 308  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide  
US-09-517-467B-308

Query Match 0.7%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 81;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1273 AAGTGGGAGGACGCGCC 1290  
Db 1 AAGTGGGAGGACGCTCC 18

RESULT 90  
US-08-397-220B-7  
Sequence 7, Application US/08397220B  
Patent No. 6284458  
GENERAL INFORMATION:  
APPLICANT: Argerson et al.  
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/397,220B  
FILING DATE: 09-Mar-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP93/01293  
FILING DATE: 10-Sep-93  
APPLICATION NUMBER: JP 5-87195  
FILING DATE: 14-Apr-93  
APPLICATION NUMBER: 07/945,289  
FILING DATE: 10-Sep-92  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0031  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-08-397-220B-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 94;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221  
Db 4 CCCATCAGGGGCTGCTC 21

RESULT 91  
US-09-417-822-24/c  
Sequence 24, Application US/09417822

Patent No. 6344549  
GENERAL INFORMATION:  
APPLICANT: Keegan, Kathy  
TITLE OF INVENTION: ATR-2  
FILE REFERENCE: 27866/35633  
CURRENT APPLICATION NUMBER: US/09/417,822  
CURRENT FILING DATE: 1999-10-14  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 24  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer SLOrev  
US-09-417-822-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 94;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 TGTAAGAAAGCCTGCAG 825  
Db 19 TGTAAGAACAGCCTGCAG 2

RESULT 92  
US-08-650-093C-7  
Sequence 7, Application US/08650093C  
Patent No. 6391542  
GENERAL INFORMATION:  
APPLICANT: Kevin P. Anderson et al.  
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LICATA & TYRRELL P.C.  
STREET: 66 E. Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.1 for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/650,093C  
FILING DATE: 17-May-1996  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/452,841  
FILING DATE: May 30, 1995  
APPLICATION NUMBER: 08/397,220  
FILING DATE: March 9, 1995  
APPLICATION NUMBER: 07/945,289  
FILING DATE: September 10, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-08-650-093C-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 94;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221  
Db 4 CCCCATCAGGGGCTGGC 21

RESULT 93  
US-08-823-895A-7  
Sequence 7, Application US/08823895A  
Patent No. 6433159  
GENERAL INFORMATION:  
APPLICANT: Kevin P. Anderson  
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 66 E. Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/823,895A  
FILING DATE: March 17, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/453,085  
FILING DATE: May 30, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/945,289  
FILING DATE: September 10, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0203  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: Nucleic  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-823-895A-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 94;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221  
Db 4 CCCCATCAGGGGCTGGC 21

RESULT 94  
US-08-031-147A-56/c  
Sequence 56, Application US/08031147A  
Patent No. 5514577  
GENERAL INFORMATION:  
APPLICANT: Draper et al.

```
;
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5514577/ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,147A
; FILING DATE: March 12, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
;
; US-08-031-147A-56
;
; Query Match 0.7%; Score 14.4; DB 1; Length 16;
; Best Local Similarity 93.8%; Pred. No. 51;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1251 CCCCATCCCCAACCCC 1266
; Db 16 CCCCAACCCCAACCCC 1
;
; RESULT 95
; US-08-403-888A-39/c
; Sequence 39, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
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```
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-403-888A-39
;
; Query Match 0.7%; Score 14.4; DB 1; Length 16;
; Best Local Similarity 93.8%; Pred. No. 51;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1251 CCCCATCCCCAACCCC 1266
; Db 16 CCCCAACCCCAACCCC 1
;
; RESULT 96
; US-08-403-888A-55/c
; Sequence 55, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```

; TOPOLOGY: linear
US-08-403-888A-55
Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 97
PCT-US94-02471-56/c
; Sequence 112, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490-ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-112
Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 98
PCT-US94-02471-56/c
; Sequence 56, Application PC/TUS9402471
; Patent No. 5514577
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
PCT-US94-02471-56
```

```

; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
PCT-US94-02471-56

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 99
US-08-031-147A-57/c
; Sequence 57, Application US/08031147A
; Patent No. 5514577
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
```

```

; APPLICATION NUMBER: US/08/031,147A
; FILING DATE: March 12, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-031-147A-57

```

```

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 75;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

```

```

RESULT 100
US-08-482-115B-36
; Sequence 36, Application US/08482115B
; Patent No. 5776679
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Assays for the RNA Component of Human
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,115B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.

```

```

; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000830US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-482-115B-36

```

```

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 75;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

```

```

RESULT 101
US-08-403-888A-38/c
; Sequence 38, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Harecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-38

```

```

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 75;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

```



```

RESULT 102
US-08-403-888A-54/c
; Sequence 54, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSSE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-54

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 75;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
    ||||| |||||
DB 18 CCCCAACCCCAACCCC 3

RESULT 103
US-08-403-888A-111/c
; Sequence 111, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSSE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-472-802C-35

Query Match
Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

RESULT 105
US-09-214-178-9/c
; Sequence 9, Application US/09214178
; Patent No. 6294332
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; FILE OF INVENTION: TELOWERES
; CURRENT APPLICATION NUMBER: US/09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-214-178-9

Query Match
Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 106
US-09-057-351-35
; Sequence 35, Application US/09057351
; Patent No. 6548298
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-057-351-35

Query Match
Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

RESULT 107
PCT-US94-02471-57/c
; Sequence 57, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185

```

; FILING DATE: September 29, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0469  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 57:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: Yes  
PCT-US94-02471-57

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 75;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCATCCCAACCC 1266  
DB 18 CCCCAACCCCAACCC 3

RESULT 108  
US-09-165-264-10  
; Sequence 10, Application US/09165264  
; Patent No. 6197510  
; GENERAL INFORMATION:  
; APPLICANT: Vinayagamorthy, Thirathayah  
; TITLE OF INVENTION: Multi-Loci Genomic Analysis  
; FILE REFERENCE: 44747  
; CURRENT APPLICATION NUMBER: US/09/165,264  
; CURRENT FILING DATE: 1998-10-01  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Primer sequence  
US-09-165-264-10

Query Match 0.7%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 88;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1198 GCACCAACCTATCAGG 1213  
DB 4 GCAGCAACCTATCAGG 19

RESULT 109  
US-08-904-901-134/c  
; Sequence 134, Application US/08904901  
; Patent No. 5998383  
; GENERAL INFORMATION:  
; APPLICANT: Wright, Jim A.  
; APPLICANT: Young, Aiping H.  
; TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED  
; TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE  
; NUMBER OF SEQUENCES: 163  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: KOHN & ASSOCIATES  
; STREET: 30500 No. 5998383thwestern Hwy. Suite 410  
; CITY: Farmington Hills  
; STATE: Michigan  
; COUNTRY: US  
; ZIP: 48334  
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/904,901  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kohn, Kenneth I.  
; REGISTRATION NUMBER: 30,955  
; REFERENCE/DOCKET NUMBER: 0227.00004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (248) 539-5050  
; TELEFAX: (248) 539-5055  
; INFORMATION FOR SEQ ID NO: 134:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; ANTI-SENSE: YES  
US-08-904-901-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTG 923  
DB 18 TTTTCTTTGGCTTTG 3

RESULT 110  
US-09-249-730-134/c  
; Sequence 134, Application US/09249730  
; Patent No. 6121000  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; APPLICANT: YOUNG, Aiping H.  
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and  
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase  
; FILE REFERENCE: 032396-040  
; CURRENT APPLICATION NUMBER: US/09/249,730  
; CURRENT FILING DATE: 1999-02-11  
; NUMBER OF SEQ ID NOS: 220  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 134  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-09-249-730-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTG 923  
DB 18 TTTTCTTTGGCTTTG 3

RESULT 111  
US-09-513-729B-54/c  
; Sequence 54, Application US/09513729B  
; Patent No. 6165791  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EF2 TRANSCRIPTION FACTOR 3 EXPRES  
; FILE REFERENCE: RTS-0112  
; CURRENT APPLICATION NUMBER: US/09/513,729B

; CURRENT FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-513-729B-54

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGAAG 1036  
|||||  
DB 20 GAGGGGAGCTTGGAG 5

## RESULT 112

US-09-249-247-134/C  
; Sequence 134, Application US/09249247  
; Patent No. 6593305  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and  
; FILE REFERENCE: 032396-023  
; CURRENT APPLICATION NUMBER: US/09/249,247  
; CURRENT FILING DATE: 1999-02-11  
; EARLIER APPLICATION NUMBER: US 60/023,040  
; EARLIER FILING DATE: 1996-08-02  
; EARLIER APPLICATION NUMBER: US 60/039,959  
; EARLIER FILING DATE: 1997-03-07  
; EARLIER APPLICATION NUMBER: US 08/904,901  
; EARLIER FILING DATE: 1997-08-01  
; NUMBER OF SEQ ID NOS: 220  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 134  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-09-249-247-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 308 TTTCTTTTGGTCTTTG 923  
|||||  
DB 18 TTTCTTTTGGTCTTTG 3

## RESULT 113

US-09-526-193A-137  
; Sequence 137, Application US/09526193A  
; Patent No. 6617122  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; APPLICANT: Fimstone, Simon N.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
; FILE REFERENCE: 50110/002005  
; CURRENT APPLICATION NUMBER: US/09/526,193A  
; CURRENT FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 137  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-526-193A-137

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1070 GCTTCAGTCCCACTCC 1085  
|||||  
DB 1 GCTTCAGTCCCACTCC 16

## RESULT 114

US-08-709-368-1  
; Sequence 1, Application US/08709368  
; Patent No. 5910410  
; GENERAL INFORMATION:  
; APPLICANT: Lichtenwalter, K., Ward, C.  
; TITLE OF INVENTION: Dual Tag Binding Assay  
; NUMBER OF SEQUENCES: 3  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hewlett Packard Co.  
; STREET: 1501 Page Mill Road  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 94304-1126  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette -- 3.50 inch, 1.4 Mb storage  
; COMPUTER: IBM PC/XT/AT  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: No. 5910410epad  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/709,368  
; FILING DATE: 06-Sep-1996  
; CLASSIFICATION: 435  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: Single stranded  
; TOPOLOGY: linear  
US-08-709-368-1

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1130 CTTTCACCTCCAGTCCAC 1148  
|||||  
DB 1 CTTTCCTCCAGGTCCAC 19

## RESULT 115

US-09-657-042A-75/c  
; Sequence 75, Application US/09657042A  
; Patent No. 6329203  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRI  
; FILE REFERENCE: RTS-0148  
; CURRENT APPLICATION NUMBER: US/09/657,042A  
; CURRENT FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 75

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-75

```

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. NO. 1.2e+02;  
Matches 16: Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  
1012 CCTGAAAAAGAGCGGGAGC 1030

Dβ  
19 CCAGAAAATTGGGGAGC 1

```

RESULT 116
US-09-422-978-7116/c
; Sequence 7116, Application US/09422378
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 98-24210 for SEQ 3182,
US-09-422-978-7116

```

Query Match	0.7%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%	Pred. No. 1.2e+02;		
Matches 16:	Conservative	0: Mismatches	3: Indels	0: Gaps
				0:

QY  
848 AGATTGAGAAATGTTAAGCG 866

Dp  
19 AAATTGAGAAATGGTAGGCG 1

RESULT 117  
US-09-198-452A-2388  
; Sequence 2388, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Grifffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,452A  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 2388  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-2388

```
Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0
```

Qy 963 CCAACGGTGGAAAGTCCAAG 981  
Dy 1 CGAACGGTAGAAATCCAAG 19

RESULT 118  
US-09-198-452A-4651  
; Sequence 4651, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae  
; TITLE OF INVENTION: thereof and uses  
; TITLE OF INVENTION: and treatment of  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 4651  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-4651

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. NO. 1.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 758 GCCATGCAGGTTTCTTCT 776  
|||  
pb 2 GCCATGCAGTTCCTTCT 20

RESULT 119  
US-09-198-452A-5845/c  
; Sequence 5845, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griflais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae  
; TITLE OF INVENTION: thereof and use  
; TITLE OF INVENTION: and treatment of  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 5845  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-5845

Query Match	0.7%;	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 1.2e+02;		
Matches 16: Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY           816 AAGCTGGAGTGCACGAAG 834  
             ||| ||| ||| ||| ||| |||  
Db          20 AAGCAGGAGTGCACGCAG 2

RESULT 120  
US-09-742-373-4/c  
; Sequence 4, Application US/09742373  
; Patent No. 6562946  
; GENERAL INFORMATION:  
; APPLICANT: Althaus, Harald  
; APPLICANT: Hauser, Hans-Peter  
; TITLE OF INVENTION: Human Procalc

```
; FILE REFERENCE: 05552.1445-00
; CURRENT APPLICATION NUMBER: US/09/742,373
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 19962434.8
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: 10016278.9
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 10027954.6
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Primer, non
; OTHER INFORMATION: genomic DNA
US-09-742-373-4

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAACCCCAAGCTTCA 1075
    |||||  |||||  |||||  |||||
DB 20 GCCCAGATCTAAGCTTCA 2

RESULT 121
US-09-081-385-31
; Sequence 31, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-081-385-31

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCACCTGAGGACTCAGGCA 883
    |||||  |||||  |||||  |||||
DB 1 GTCACCTGGGAGACTCCGGCA 19

RESULT 122
US-08-985-162-61/c
; Sequence 61, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-61

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 TTAAGGGCACTGAGGAC 876
    |||||  |||||  |||||  |||||
DB 17 TTGAGGGCAATGAGGAC 1

RESULT 123
```

```

US-09-474-432B-677/c
; Sequence 677, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jaserka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-677

```

```
Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 1112 GTCCCGTGCCCGAGTTCC 1128  
Db 17 GTCCACTGCCCGAGTTCC 1

RESULT 124

RESOLU 124  
US-09-476-387-676/c  
; Sequence 676, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MEHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 676  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-09-476-387-676

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1112 GTCCCGTGCCAGTTCC 1128
DB       17 GTCCACTGCCAGTTCC 1

```

RESULT .125

US-09-401-063-61/c  
Sequence 61, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 61:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-61

Query Match	0.6%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%;	Pred. No. 91;		
Matches 15;	Conservative	0;	Mismatches	2;
			Indels	0;
			Gaps	0;

Qy 860 TTAAGGCAC TGAGGAC 876  
D'b 17 TTGAGGGCAATGAGGAC 1

RESULT 126

```
US-09-866-108A-971
; Sequence 971, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaorong G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 971
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-971

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1053 CTGGCCCCAAACCCAA 1069
Db 1 CCAGGCCCAAGCCCAA 17

RESULT 127
US-09-866-108A-972
; Sequence 972, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaorong G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

```
US-09-866-108A-972
; Sequence 971, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaorong G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 972
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-972

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1054 CTGGCCCCAAACCCAA 1070
Db 1 CAGGCCCAAGCCCAAG 17

RESULT 128
US-09-866-108A-972
; Sequence 972, Application US/08577081A
; Patent No. 6030775
; GENERAL INFORMATION:
; APPLICANT: Yang, Soo Young
; APPLICANT: Cereb, Nezh
; TITLE OF INVENTION: Methods and Reagents for Typing HLA
; TITLE OF INVENTION: Class I Genes
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/577,081A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: MSK.P-001-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
```



```
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: hybridization probe CE2-183 for typing of
; OTHER INFORMATION: HLA Class I genes
US-08-577-081A-67

Query Match      0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. NO. 1.1e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      731 AGGAGACAGGACACC 747
Db      2 AGGAGACAGGACACC 18

RESULT 129
PCT-US93-12600-5
; Sequence 5, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; APPLICANT: Dixon, Richard A.F.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milmanow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 616-5400
; TELEFAX: (312) 616-5460
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-5

Query Match      0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. NO. 1.1e-02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1134 CACTCCAGCTCCACCT 1150
Db      2 CACTTCAGCTCCACAT 18

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 130
US-09-866-108A-973
; Sequence 973, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 973
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-973

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. NO. 1.2e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1056 GGCCCCAAACCCAAAG 1070
Db      2 GGCCCCAAGCCCAAG 16

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 131
US-09-866-108A-974
; Sequence 974, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
```

APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6666188  
SEQ ID NO 974  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-974

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 GGCCCCCAACCAAG 1070  
DB 1 GGCCCCCAACCAAG 15

RESULT 132  
US-09-204-18  
Sequence 18, Application US/09205204  
Patent No. 5958772  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRESSION  
FILE REFERENCE: RTS-0020  
CURRENT APPLICATION NUMBER: US/09/205,204  
CURRENT FILING DATE: 1998-12-03  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 18  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-204-18

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 ATGCGGTTCTTTC 775  
DB 4 ATGCGGTTCTTTC 18

RESULT 133  
US-09-422-978-5085  
Sequence 5085, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 5085  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18\_bind  
OTHER INFORMATION: upstream amplification primer 99-20747 for SEQ 1151,  
US-09-422-978-5085

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 976 TCCAGCTCTACTCC 990  
DB 4 TCCAACTCTACTCC 18

RESULT 134  
US-09-357-740-9  
Sequence 9, Application US/09357740  
Patent No. 6348596  
GENERAL INFORMATION:  
APPLICANT: Lee, Linda G.  
APPLICANT: Graham, Ronald J.  
APPLICANT: Mullah, Khairuzzaman B.  
APPLICANT: Haxo, Francis T.  
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS  
FILE REFERENCE: 9584-007  
CURRENT APPLICATION NUMBER: US/09/357,740  
CURRENT FILING DATE: 1999-07-20  
EARLIER APPLICATION NUMBER: 09/012,525  
EARLIER FILING DATE: 1998-01-23  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 9  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-09-357-740-9

Query Match 0.6%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCCATCCCCAACCCC 1265  
DB 4 CCCATCCCCAGCCCC 18

```
RESULT 135
US-09-422-978-7262/c
; Sequence 7262, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19_bind
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
US-09-422-978-7262
Query Match      0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      862 AAGGGCACTGAGGAC 876
Db      16 AAGGGCACTGAGAAC 2

RESULT 136
PCT-US91-03680-1/c
; Sequence 1, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; FILE REFERENCE: PatentIn Release #1.0, Version #1.25
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 1:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 5
; OTHER INFORMATION: /mod_base= OTHER
PCT-US91-03680-1
Query Match      0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1015 GAAAAAGAGGGGAG 1029
Db      16 GAAAAAGAGGGGAG 2

RESULT 137
US-09-213-767-24/c
; Sequence 24, Application US/09213767
; Patent No. 5948680
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
; FILE REFERENCE: RTS-0024
; CURRENT APPLICATION NUMBER: US/09/213,767
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-24
Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1120 CCCAGTTCACCTTCACC 1137
Db      18 CTCATTCCACCTTCACC 1

RESULT 138
US-09-135-021-72
; Sequence 72, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Splawski, Igor
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLOT1 WHICH CAUSES JERVELL
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-021-72
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Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270  
Db 1 CCATCCCCAGCCCCATC 18

RESULT 139  
US-09-071-433-26/c  
; Sequence 26, Application US/09071433A  
; Patent No. 6197594  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Cowsett, Lex M  
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
; FILE REFERENCE: RTS-0002  
; CURRENT APPLICATION NUMBER: US/09/071,433A  
; CURRENT FILING DATE: 1998-05-01  
; NUMBER OF SEQ ID NOS: 91  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 26  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-26

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 TCGACCTGAAAGAG 1023  
Db 18 TAGACCTGGACAG 1

RESULT 140  
US-09-135-020-74  
; Sequence 74, Application US/09135020  
; Patent No. 6274332  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING  
; FILE REFERENCE: 2323-131  
; CURRENT APPLICATION NUMBER: US/09/135,020  
; CURRENT FILING DATE: 1998-08-17  
; EARLIER APPLICATION NUMBER: 08/921,068  
; EARLIER FILING DATE: 1997-08-29  
; EARLIER APPLICATION NUMBER: 08/739,383  
; EARLIER FILING DATE: 1996-10-29  
; EARLIER APPLICATION NUMBER: 60/019,014  
; EARLIER FILING DATE: 1995-12-22  
; EARLIER APPLICATION NUMBER: 60/094,477  
; EARLIER FILING DATE: 1998-07-29  
; NUMBER OF SEQ ID NOS: 114  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 74  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-135-020-74

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270  
Db 1 CCATCCCCAGCCCCATC 18

RESULT 141  
US-09-135-010A-74  
; Sequence 74, Application US/09135010A  
; Patent No. 6277978  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Sanguinetti, Michael C.  
; APPLICANT: Curran, Mark E.  
; APPLICANT: Landes, Gregory M.  
; APPLICANT: Connors, Timothy D.  
; APPLICANT: Burn, Timothy C.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE  
; FILE REFERENCE: 2323-133  
; CURRENT APPLICATION NUMBER: US/09/135,010A  
; CURRENT FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: 60/094,477  
; PRIOR FILING DATE: 1998-07-29  
; PRIOR APPLICATION NUMBER: 08/921,068  
; PRIOR FILING DATE: 1997-08-29  
; PRIOR APPLICATION NUMBER: 08/739,383  
; PRIOR FILING DATE: 1996-10-29  
; PRIOR APPLICATION NUMBER: 60/019,014  
; PRIOR FILING DATE: 1995-12-22  
; NUMBER OF SEQ ID NOS: 116  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 74  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-135-010A-74

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270  
Db 1 CCATCCCCAGCCCCATC 18

RESULT 142  
US-09-444-871-74  
; Sequence 74, Application US/09444871  
; Patent No. 6323026  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Sanguinetti, Michael C.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING  
; FILE REFERENCE: 2323-131  
; CURRENT APPLICATION NUMBER: US/09/444,871  
; CURRENT FILING DATE: 1999-11-22  
; EARLIER APPLICATION NUMBER: US/09/135,020  
; EARLIER FILING DATE: 1998-08-17  
; EARLIER APPLICATION NUMBER: 08/921,068  
; EARLIER FILING DATE: 1997-08-29  
; EARLIER APPLICATION NUMBER: 08/739,383  
; EARLIER FILING DATE: 1996-10-29  
; EARLIER APPLICATION NUMBER: 60/019,014  
; EARLIER FILING DATE: 1995-12-22  
; EARLIER APPLICATION NUMBER: 60/094,477  
; EARLIER FILING DATE: 1998-07-29  
; NUMBER OF SEQ ID NOS: 114  
; SOFTWARE: PatentIn Ver. 2.0

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; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-74

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1253 CCATCCCCCAACCCCTTC 1270
DB      1 CCATCCCCCAGCCCCATC 18

RESULT 145
US-09-597-732-74
; Sequence 74, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-732-74

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1253 CCATCCCCCAACCCCTTC 1270
DB      1 CCATCCCCCAGCCCCATC 18

RESULT 146
US-09-531-000-29
; Sequence 29, Application US/09531000
; Patent No. 6461810

```

```
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, Marion D.
; APPLICANT: FRESCO, Jacques R.
; TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
; FILE REFERENCE: 2448-103
; CURRENT APPLICATION NUMBER: US/09/531,000
; CURRENT FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: PCT/US98/23765
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/064,997
; PRIOR FILING DATE: 1997-11-10
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target
; OTHER INFORMATION: sequences
US-09-531-000-29

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCTCTTCAT 944
    |||||
Db 1 TTTCTCTTCTCTTCAT 18

RESULT 147
US-09-422-978-4110/c
; Sequence 410, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 410
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-13332 for SEQ 176,
US-09-422-978-4110

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 813 GAAAGCCTCGAGTGCAC 830
    |||||
Db 18 GAAAGCCTCAACTGCAC 1

RESULT 148
US-09-422-978-4877/c
; Sequence 4877, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4877
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18386 for SEQ 943,
US-09-422-978-4877

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1130 CTTTACCTCCAGCTCCA 1147
    |||||
Db 18 CTTTACCTCCAGCTCCA 1

RESULT 149
US-09-597-731-74
; Sequence 74, Application US/09597731
; Patent No. 6582913
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curian, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVL01 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,731
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: sequences
US-09-597-731-74

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1253 CCATCCCAACCCCTTC 1270
    |||||
Db 1 CCATCCCAACCCCTTC 18
```

```
RESULT 150
US-09-622-166A-31/c
; Sequence 31, Application US/09622166A
; Patent No. 6613546
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, TOSHIHIKO
; APPLICANT: TSUCHIYA, MASAYUKI
; APPLICANT: KOISHIHARA, YASUO
; APPLICANT: KOSAKA, KASAKI
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND
; FILE REFERENCE: 053466/0285
; CURRENT APPLICATION NUMBER: US/09/622.166A
; CURRENT FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: PCT/JP99/00884
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 10-60617
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 10-93883
; PRIOR FILING DATE: 1998-03-24
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-622-166A-31

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAGG 1037
Db 18 AGTGAGGAGCTTGAGG 1

RESULT 151
US-08-585-684B-616/c
; Sequence 616, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585.684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585.684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000.951
; FILING DATE: July 7, 1995
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 616:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-616

Query Match      0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAGAG 1023
Db 14 ACCTGAAAGAG 2

RESULT 152
US-08-585-684B-617/c
; Sequence 617, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585.684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000.951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 617:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-617
```

Query Match 0.6%; Score 13; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 1e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAAGAG 1023  
 Db 13 ACCTGAAAAAGAG 1

RESULT 153  
 US-08-585-684B-618/c  
 ; Sequence 618, Application US/08585684B  
 ; Patent No. 5877021  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Daniel T.  
 ; APPLICANT: Jarvis, Thale  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
 ; NUMBER OF SEQUENCES: 2751  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/585,684B  
 FILING DATE: January 16, 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/000,951  
 FILING DATE: July 7, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/078  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 618:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-585-684B-618

Query Match 0.6%; Score 13; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 1e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAAGAG 1023  
 Db 13 ACCTGAAAAAGAG 1

RESULT 154  
 US-09-038-073-616/c  
 ; Sequence 616, Application US/09038073  
 ; Patent No. 6194150  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Daniel T.  
 ; APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
 NUMBER OF SEQUENCES: 2751  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/038,073  
 FILING DATE:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/585,684  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/078  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 616:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-038-073-616

Query Match 0.6%; Score 13; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 1e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAAGAG 1023  
 Db 14 ACCTGAAAAAGAG 2

RESULT 155  
 US-09-038-073-617/c  
 ; Sequence 617, Application US/09038073  
 ; Patent No. 6194150  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Daniel T.  
 ; APPLICANT: Jarvis, Thale  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
 ; NUMBER OF SEQUENCES: 2751  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage



COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 617:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-617

Query Match 0.6%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1011 ACCTGAAAAAGAG 1023  
Db 13 ACCTGAAAAAGAG 1

RESULT 156  
US-09-038-073-618/c  
Sequence 618, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McGswiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 618:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-618

Query Match 0.6%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1011 ACCTGAAAAAGAG 1023  
Db 13 ACCTGAAAAAGAG 1

RESULT 157  
PCT-US92-08094-65/c  
Sequence 65, Application PC/TUS9208094  
GENERAL INFORMATION:  
APPLICANT: GENENTECH, INC.  
APPLICANT: Amanto, Edward P.  
TITLE OF INVENTION: DIAGNOSING AND TREATING AUTOIMMUNE  
DISORDERS  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080-4990  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/08094  
FILING DATE: 19920923  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/765222  
FILING DATE: 23-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/779445  
FILING DATE: 18-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/853362  
FILING DATE: 18-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Hensley, Max D.  
REGISTRATION NUMBER: 27,043  
REFERENCE/DOCKET NUMBER: 734P3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US92-08094-65

Query Match 0.6%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1096 CCCACCCCTGGCT 1108

```
Db      14 CCCACCTGGGCT 2
|||||
RESULT 158
US-08-373-124A-1020/C
; Sequence 1020, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1020:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-1020
Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      975 GTCCAGCTCTAC 987
Db      13 GTCCAGCTCTAC 1
|||||
RESULT 160
US-08-370-156-17
; Sequence 17, Application US/08370156
; Patent No. 5932780
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Zakut, Haim
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR
; TITLE OF INVENTION: ANTICHLINESTERASE SUBSTANCES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1020:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-435-628-1020
Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      975 GTCCAGCTCTAC 987
Db      13 GTCCAGCTCTAC 1
|||||
RESULT 159
US-08-435-628-1020/C
; Sequence 1020, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
```

Db 2 ACTGAGGACTCAG 14

RESULT 162

US-10-065-133A-73

; Sequence 73, Application US/10065133A

; Patent No. 685946

; GENERAL INFORMATION:

; APPLICANT: Dowling, Patricia W.

; APPLICANT: Youngner, Julius S.

; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES

; FILE REFERENCE: EQ-1-C2-1

; CURRENT APPLICATION NUMBER: US/10/065,133A

; CURRENT FILING DATE: 2009-12-10

; PRIOR APPLICATION NUMBER: PCT/US99/18583

; PRIOR FILING DATE: 1999-08-12

; PRIOR APPLICATION NUMBER: 09/133,921

; PRIOR FILING DATE: 1998-08-13

; NUMBER OF SEQ ID NOS: 108

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 73

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Primer

US-10-065-133A-73

Query Match 0.6%; Score 13; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAG 880

Db 2 ACTGAGGACTCAG 14

RESULT 163

US-08-529-190B-4/c

; Sequence 4, Application US/08529190B

; Patent No. 5833991

; GENERAL INFORMATION:

; APPLICANT: Masucci, Maria G.

; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM

; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; STREET: One Financial Center

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: Wordperfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/529,190B

; FILING DATE: 15-SEP-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: SE9501324-9

; FILING DATE: 10-APR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US08/522,595

; FILING DATE: 01-SEP-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Williams, Ph.D., Kathleen A

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3255/53015

; TELECOMMUNICATION INFORMATION:

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Reising, Ethington, Barnard & Perry

; STREET: P.O. Box 4390

; CITY: Troy

; STATE: Michigan

; COUNTRY: US

; ZIP: 48099

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/370,156

; FILING DATE:

; CLASSIFICATION: 536

; ATTORNEY/AGENT INFORMATION:

; NAME: Kohn, Kenneth I.

; REGISTRATION NUMBER: 30,955

; REFERENCE/DOCKET NUMBER: P-307 (Mulford)

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (810) 689-3500

; TELEFAX: (810) 689-4071

; INFORMATION FOR SEQ ID NO: 17:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-370-156-17

Query Match 0.6%; Score 13; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.5e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACCC 1096

Db 3 CCAGGCTTCACCC 15

RESULT 161

US-09-506-286B-73

; Sequence 73, Application US/09506286B

; Patent No. 6482414

; GENERAL INFORMATION:

; APPLICANT: Dowling, Patricia W.

; APPLICANT: Youngner, Julius S.

; TITLE OF INVENTION: of Pittsburgh, of the Commonwealth

; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES

; FILE REFERENCE: EQ-1-C2

; CURRENT APPLICATION NUMBER: US/09/506,286B

; CURRENT FILING DATE: 2000-02-16

; PRIOR APPLICATION NUMBER: 09/133,921

; PRIOR FILING DATE: 1998-08-13

; PRIOR APPLICATION NUMBER: PCT/US99/18583

; PRIOR FILING DATE: 1999-08-12

; NUMBER OF SEQ ID NOS: 108

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 73

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: Primer

US-09-506-286B-73

Query Match 0.6%; Score 13; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAG 880

TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-529-190B-4

Query Match 0.6%; Score 13; DB 1; Length 24;  
Best Local Similarity 76.2%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 296 TGTCTGTGAGCTGTGTGG 316  
DB 23 TGTGTGTGAGCTGTGTGG 3

## RESULT 164

US-08-471-212-6/c  
Sequence 6, Application US/08471212  
Patent No. 5700920  
GENERAL INFORMATION:  
APPLICANT: Altman, Karl-Heinz  
APPLICANT: Imwinkelried, Rene  
TITLE OF INVENTION: Carbocyclic Nucleosides Containing  
Bicyclic Rings, Oligonucleotides Therefrom, Process For  
Title of Invention: Their Preparation, Their Use and Intermediates  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 5700920artis Corporation  
STREET: 59 Route 10  
CITY: East Hanover  
STATE: NJ  
COUNTRY: USA  
ZIP: 07936-1080

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,212  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/083,812  
FILING DATE: 28-JUN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 2075/92-7  
FILING DATE: 01-JUL-1992

ATTORNEY/AGENT INFORMATION:  
NAME: Ferraro, Gregory D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: FL/64-19143/A/DIV2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908) 277-3318  
TELEFAX: (908) 277-4306

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
ANTI-SENSE: YES

NAME/KEY: modified\_base  
LOCATION: 1..16  
OTHER INFORMATION: /mod\_base= OTHER

OTHER INFORMATION: /note= "N represents a modified nucleoside building block o  
OTHER INFORMATION: formula VI or..."  
US-08-471-212-6

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAA 1017  
DB 16 GAAACGGACACCTGAA 1

## RESULT 165

US-08-282-197C-20/c  
Sequence 20, Application US/08282197C  
Patent No. 5871730  
GENERAL INFORMATION:  
APPLICANT: Brzezinski, Ryszard  
APPLICANT: Dery, Claude V  
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and  
Title of Invention: Methods of Use  
NUMBER OF SEQUENCES: 67  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Ave., NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/282,197C  
FILING DATE: 29-JUL-1994  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: Cimbala, Michele A  
REGISTRATION NUMBER: 33,851  
REFERENCE/DOCKET NUMBER: 1050.0410000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both

US-08-282-197C-20

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 CCTCCAGCTCCACCTA 1151  
DB 16 CATCCAGCTCTCTCTA 1

## RESULT 166

US-08-292-620A-1699  
Sequence 1699, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA: including application  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1725:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
8-292-620A-1725

every Match            0.6%; Score 12.8; DB 1; Length 17;  
st Local Similarity   62.5%; Pred.No. 1.7e+02;  
atches 10; Conservative 4; Mismatches 2; Indels         0; Gaps         0;

1170 CAACTTTCGGGCTCCC 1185  
|||||::|||  
2 CAACUUUCAGCUCC 17

LT 168  
8-292-620A-1970  
quence 1970, Application US/08292620A  
tent No. 5837542

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1970:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1970

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 1.7e+02;  
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACTTGGCGTCCC 1185  
Db 1 CAAUUUUCAGCUCC 15

RESULT 169  
US-08-765-783A-79  
Sequence 79, Application US/08765783A  
Patent No. 5994524  
GENERAL INFORMATION:  
APPLICANT: Matsumoto, Kouji  
APPLICANT: Matsumoto, Yoshihiro  
APPLICANT: Yamada, Yoshiki  
APPLICANT: Sato, Koh  
APPLICANT: Tsuchiya, Masayuki  
APPLICANT: Yamazaki, Tatsumi  
TITLE OF INVENTION: Reshaped Human Antibody to  
TITLE OF INVENTION: Interleukin-8  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FORSTER  
STREET: 2000 Pennsylvania Avenue, NW, suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,783A  
FILING DATE: 07-MAR-1997  
CLASSIFICATION: 530

two

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 35029-20001.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-887-1500  
TELEFAX: 202-822-0168  
TELEX:  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Other  
LOCATION: 1...17  
OTHER INFORMATION: HIP sequence  
US-08-765-783A-79

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 GCCCRAACCCAGCT 1072  
Db 1 GCCCRAAGCCAGGT 16

RESULT 170  
US-08-985-162-262  
Sequence 262, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

```

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-985-162-262

```

[illegible]

RESULT 171  
US-09-071-845-1699  
; Sequence 1699, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390

1 CORRESPONDENCE ADDRESS:  
2 10100 SEE LYON & LYON  
3 STREET 433 West Fifth Street  
4 STREET, Suite 100  
5 CITY: Los Angeles  
6 STATE: California  
7 COUNTRY: U.S.A.  
8 ZIP: 90071-3466  
9 COMPANY: BEAD&BEE SCBM.

MEDIUM TYPE: 5.25 Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Microsoft 5.1  
CURRENT APPLICATION DATA  
APPLICATION NUMBER: US/09/071.845  
INSTALL DATE:  
INSTALLATION:

PRIOR APPLICATION NUMBER: US/08/392,620  
 FILING DATE: August 17, 1994  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1699:  
SEQUENCE CHARACTERISTICS:

```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;

```

```
Db      |||:|:|:| |||:|:|
2 CAACUUUCAGCUCC 17

RESULT 173
US-09-071-845-1970
; Sequence 1970, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1970:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1970

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy      |||:|:|:| |||:|:|
1170 CAACCTTGGCGCTCCC 1185
Db      |||:|:|:| |||:|:|
1 CAACUUUCAGCUCC 16

RESULT 174
US-09-416-557-79
; Sequence 79, Application US/09416557
; Patent No. 6245894
; GENERAL INFORMATION:
; APPLICANT: Matsushita, Kouji
; APPLICANT: Matsumoto, Yoshihiro
; APPLICANT: Yamada, Yoshiki
; APPLICANT: Sato, Koh
; APPLICANT: Tsuchiya, Masayuki
; APPLICANT: Yamazaki, Tatsumi
; TITLE OF INVENTION: Reshaped Human Antibody to
; TITLE OF INVENTION: Interleukin-8
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 2000 Pennsylvania Avenue, NW, suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/416,557
; FILING DATE: 12-October-1999
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/765,783
; FILING DATE: 7-March-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 35029-20001.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-887-1500
; TELEFAX: 202-822-0168
; TELEX:
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Other
; LOCATION: 1...17
; OTHER INFORMATION: HIP sequence
; US-09-416-557-79

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      |||:|:|:| |||:|:|
1057 GCCCCAACCCAGCT 1072
Db      |||:|:|:| |||:|:|
1 GCCCCAACCCAGCT 16

RESULT 175
US-08-584-040-5983/c
; Sequence 5983, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
```



NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5983:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5983

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1278 GGAGGACAGCCCGCAC 1293  
Db 17 GGAGGACAGAGTCCAC 2

RESULT 176  
US-09-474-432B-678/c  
Sequence 678, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MBH00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526

SOFTWARE: Patent in version 3.0  
SEQ ID NO 678  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-678

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1110 CAGTCCCGTCCCGT 1125  
Db 16 CAGTCCACTGCCCGT 1

RESULT 177  
US-09-474-432B-681/c  
Sequence 681, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle  
FILE REFERENCE: MBH00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 681  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-681

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 739 CAGACACCGTGTGCA 754  
Db 16 CAGGGCACCGTGTGCA 1

RESULT 178  
US-09-371-772B-2820/c  
Sequence 2820, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
FILE REFERENCE: MBH00-876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2820  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-2820

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCCGCAC 1293  
DB 17 GGAGGACAGAGTCCAC 2

RESULT 179  
US-09-371-772B-6952  
; Sequence 6952, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00, 876-J (237/198)  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6952  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6952

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1006 TCGACACCTGAAAAAG 1021  
DB 1 UCGACACAGAAAAAG 16

RESULT 180  
US-09-476-387-677/c  
; Sequence 677, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 677  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-677

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTCCCACT 1125  
DB 16 CAGTCCACTGCCCACT 1

RESULT 181  
US-09-476-387-680/c  
; Sequence 680, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 680  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-680

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 CAGAACACCGTGTGCA 754  
DB 16 CAGGGCACCCTGTGCA 1

RESULT 182  
US-09-476-387-680  
; Sequence 680, Application US/09476387

```
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-262

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred No. 1.7e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGGGAGCTTGAAGAA 1039
DB 1 GAGGAUCUUGAAGAA 16

RESULT 183
US-09-866-108A-970
; Sequence 970, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; CURRENT APPLICATION NUMBER: US/09/866,108A

; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-262

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCTGGCCCCCAACCCA 1068
DB 2 CCAGGCCCAAGCCCA 17

RESULT 184
US-09-866-108A-2782/c
; Sequence 2782, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; CURRENT APPLICATION NUMBER: PCT/US01/00668
```

;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aemica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 2782  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-2782

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1022 AGGGGAGCTTGAAGG 1037  
Db 17 AGGTGGTCTTGAAGG 2

RESULT 185  
US-09-866-108A-2783/c  
; Sequence 2783, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Shaaron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aemica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2783  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2783

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1022 AGGGGAGCTTGAAGG 1037

Db 16 AGGTGGTCTTGAAGG 1

RESULT 186  
US-08-373-124A-2243  
; Sequence 2243, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2243:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-2243

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 75.0%; Pred. No. 2e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1244 CCTCCGACCCCATCCC 1259  
Db 3 CCUCAGACCCCUCC 18

RESULT 187  
US-08-239-431A-8/c  
; Sequence 8, Application US/08239431A  
; Patent No. 5716835  
; GENERAL INFORMATION:

```

/ APPLICANT: Regan, John W.
/ APPLICANT: Gil, Daniel W.
/ APPLICANT: Woodward, David F.
/ TITLE OF INVENTION: NOVEL HUMAN EP PROTAGLANDIN RECEPTOR
/ NUMBER OF SEQUENCES: 10
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Knobbe, Martens, Olson and Bear
/ STREET: 620 Newport Center Drive 16th Floor
/ CITY: Newport Beach
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 92660
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/239,431A
/ FILING DATE: 05-MAY-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Israel, Ned A
/ REGISTRATION NUMBER: 29,655
/ REFERENCE/DOCKET NUMBER: ALRGN.053A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-235-8550
/ TELEFAX: 619-235-0176
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ US-08-239-431A-8

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 CTTGGCTCTTGCCTT 927
Db 17 CTTGGCTCTTGCCTT 2

RESULT 188
US-08-435-628-2243
/ Sequence 2243, Application US/08435628
/ Patent No. 5817796
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: McSwiggan, James
/ APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ CITY: Los Angeles
/ STATE: California

```

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/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2243:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-2243

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 75.0%; Pred. No. 2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1244 CTTCCGACCCCATCCC 1259
Db 3 CTTCCGACCCCATCCC 18

RESULT 189
US-09-205-144-36
/ Sequence 36, Application US/09205144
/ Patent No. 5958771
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRE
/ FILE REFERENCE: RTS-0021
/ CURRENT APPLICATION NUMBER: US/09/205,144
/ CURRENT FILING DATE: 1998-12-03
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 36
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-205-144-36

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 927 TTTATCCCTCTCTTC 942  
Db 1 TTTCTCTCTCTCTTC 16

RESULT 190  
US-09-205-860-47  
; Sequence 47, Application US/09205860  
; Patent No. 5981732  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION  
; FILE REFERENCE: RTS-0031  
; CURRENT APPLICATION NUMBER: US/09/205,860  
; CURRENT FILING DATE: 1998-12-04  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-860-47

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 14; Conservative 0

QY 806 ACTGTAAGAAAGCCT 821  
Db 3 ATTGTAAGAAAGCCT 18

RESULT 191  
US-08-937-580-9/c  
; Sequence 9, Application US/08937580  
; Patent No. 6013510  
; GENERAL INFORMATION:  
; APPLICANT: Harris, James M.  
; APPLICANT: You, Qimin  
; TITLE OF INVENTION: Identification of a DNA Region  
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Becton Dickinson and Company  
; STREET: 1 Becton Drive  
; CITY: Franklin Lakes  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07417-6800  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/937,580  
; FILING DATE: 25-SEP-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fugit, Donna R.  
; REGISTRATION NUMBER: 32,135  
; REFERENCE/DOCKET NUMBER: P-3690/5510-13  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-847-7166  
; TELEFAX: 201-848-9228  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid  
US-08-937-580-9

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 14; Conservative 0

QY 1134 CACCTCCAGCTGCACC 1149  
Db 16 CATCTCCATCTCCACC 1

RESULT 192  
US-09-071-433-35/c  
; Sequence 35, Application US/09071433A  
; Patent No. 6197584  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Cowsett, Lex M  
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
; FILE REFERENCE: RTS-0002  
; CURRENT APPLICATION NUMBER: US/09/071,433A  
; CURRENT FILING DATE: 1998-05-01  
; NUMBER OF SEQ ID NOS: 91  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 35  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 14; Conservative 0

QY 743 ACACCGTGTGCACCTG 758  
Db 17 ACACCATCTGCACCTG 2

RESULT 193  
US-09-336-039-9/c  
; Sequence 9, Application US/09336039  
; Patent No. 6291176  
; GENERAL INFORMATION:  
; APPLICANT: Harris, James M.  
; APPLICANT: You, Qimin  
; TITLE OF INVENTION: Identification of a DNA Region  
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Becton Dickinson and Company  
; STREET: 1 Becton Drive  
; CITY: Franklin Lakes  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07417-6800  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/336,039  
; FILING DATE: 18-Jun-1999  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/937,580  
; FILING DATE: 25-SEP-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fugit, Donna R.

```
;
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3690/5510-13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-847-7166
; TELEFAX: 201-848-9228
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-336-039-9
    Query Match      0.6%; Score 12.8; DB 1; Length 18;
    Best Local Similarity 87.5%; Pred. No. 2e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCACC 1149
DB 16 CATCTCCATCTCCACC 1

RESULT 194
US-09-236-097-9/c
; Sequence 9, Application US/09236097
; Patent No. 6335185
; GENERAL INFORMATION:
; APPLICANT: NIR NAVOT ET AL
; TITLE OF INVENTION: METHODS AND KITS FOR CHARACTERIZING GC
; TITLE OF INVENTION: -RICH NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 20001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted to
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/236,097
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 128/33
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-562553
; TELEFAX: 972-3-562554
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-236-097-9
    Query Match      0.6%; Score 12.8; DB 1; Length 18;
    Best Local Similarity 87.5%; Pred. No. 2e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1134 CACCTCCAGCTCCACC 1149
DB 17 CACCTCCATCAGCCACC 2

RESULT 195
US-09-267-423-8/c
; Sequence 8, Application US/09267423
; Patent No. 6395878
; GENERAL INFORMATION:
; APPLICANT: Regan, John W.
; APPLICANT: Gil, Daniel W.
; APPLICANT: Woodward, David F.
; TITLE OF INVENTION: No. 6395878el Human Prostaglandin EP Receptor
; FILE REFERENCE: 17023 DIV CIP
; CURRENT APPLICATION NUMBER: US/09/267,423
; CURRENT FILING DATE: 1999-03-12
; EARLIER APPLICATION NUMBER: 09/019,393
; EARLIER FILING DATE: 1998-02-05
; EARLIER APPLICATION NUMBER: 08/239,431
; EARLIER FILING DATE: 1994-05-05
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-267-423-8
    Query Match      0.6%; Score 12.8; DB 1; Length 18;
    Best Local Similarity 87.5%; Pred. No. 2e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 CTTTGGCTTTTGCCTT 927
DB 17 CTTGGGCTTTTGCCTT 2

RESULT 196
US-09-422-978-4256/c
; Sequence 4256, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4256
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1423 for SEQ 322,
US-09-422-978-4256
    Query Match      0.6%; Score 12.8; DB 1; Length 18;
    Best Local Similarity 87.5%; Pred. No. 2e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1078 CCCACTCCAGCTTCA 1093
```

```
Db 17 CCCAATCAAGCTTCA 2
||||| || |||||
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-1908-7

Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 4.2e+02;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 295 GTGCTCTCGGAGCTGTGTGGGA 318
Db 24 GTGAGCTGGAGGTGGGGGAA 1

RESULT 199
US-08-646-789A-42
; Sequence 42 Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDWARDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 19,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-646-789A-42

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1092 CACCCCCACCTGG 1105
Db 1 CATCCCCACCTGG 14
```



```
RESULT 200
US-09-230-652-20
; Sequence 20, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230.652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-20

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1080 CACTCCAGGCTTCA 1093
Db 1 CACCCAGGCTTCA 14

RESULT 201
US-08-237-233-4/c
; Sequence 4, Application US/08237233
; Patent No. 5414077
; GENERAL INFORMATION:
; APPLICANT: LIN, KUEI-YING
; APPLICANT: MATTEUCCI, MARK
; TITLE OF INVENTION: PSEUDONUCLEOSIDES AND
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: IRELL & MANELLA
; STREET: 545 MIDDLEFIELD ROAD, SUITE 200
; CITY: MENLO PARK
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237,233
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/594147
; FILING DATE: 09-OCT-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29959
```

```
; REFERENCE/DOCKET NUMBER: 4610-0006.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-237-233-4

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1015 GAAAAAGAGGGGA 1028
Db 14 GAAAAAGAGGGGA 1

RESULT 202
US-08-182-968A-14/c
; Sequence 14, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-182-968A-14

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1200 ACCACCCCTATCAG3 1213
```

```

;
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-14

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213
Db 15 AGCACCCCTATCAGG 2

RESULT 205
US-08-918-148-42/c
; Sequence 42 Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: P0979
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 42
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: 12E10scfv VH CDR1
; LOCATION: 1-15
; OTHER INFORMATION:
; US-08-918-148-42

Query Match 0.6%; Score 12.4; DB 1; Length 15;

```

Best Local Similarity 92.9%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 795 CTCCTGTAGTAAC 808  
Db 14 CTCAGTAGTAAC 1

## RESULT 206

US-09-400-502-21  
; Sequence 21, Application US/09400502  
; Patent No. 6414127  
; GENERAL INFORMATION:  
; APPLICANT: Lin, Kuei-Ying  
; APPLICANT: Matteucci, Mark D.  
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners  
; FILE REFERENCE: GLIS0127  
; CURRENT APPLICATION NUMBER: US/09/400,502  
; CURRENT FILING DATE: 1999-09-21  
; PRIOR APPLICATION NUMBER: 08/966,392  
; PRIOR FILING DATE: 1997-11-07  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 21  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. 6414127el Sequence  
US-09-400-502-21

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029  
Db 1 AAAAAGAGGGGAG 14

## RESULT 207

US-09-400-502-22  
; Sequence 22, Application US/09400502  
; Patent No. 6414127  
; GENERAL INFORMATION:  
; APPLICANT: Lin, Kuei-Ying  
; APPLICANT: Matteucci, Mark D.  
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners  
; FILE REFERENCE: GLIS0127  
; CURRENT APPLICATION NUMBER: US/09/400,502  
; CURRENT FILING DATE: 1999-09-21  
; PRIOR APPLICATION NUMBER: 08/966,392  
; PRIOR FILING DATE: 1997-11-07  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 22  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. 6414127el Sequence  
US-09-400-502-22

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029  
Db 1 AAAAAGAGGGGAG 14

## RESULT 208

US-08-906-378-1/c  
; Sequence 1, Application US/08906378B  
; Patent No. 6447998  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian C  
; APPLICANT: Gutierrez, Arnold J  
; APPLICANT: Matteucci, Mark D  
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides  
; FILE REFERENCE: GLIS0113  
; CURRENT APPLICATION NUMBER: US/08/906,378B  
; CURRENT FILING DATE: 1997-08-05  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998el Sequence  
US-08-906-378-1

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029  
Db 15 AAAAAGAGGGGAG 2

## RESULT 209

US-09-717-422-1/c  
; Sequence 1, Application US/09717422  
; Patent No. 6495672  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian C.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Matteucci, Mark D.  
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides  
; FILE REFERENCE: GLIS0142  
; CURRENT APPLICATION NUMBER: US/09/717,422  
; CURRENT FILING DATE: 2000-11-21  
; PRIOR APPLICATION NUMBER: 08/906,378  
; PRIOR FILING DATE: 1997-08-05  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. 6495672el Sequence  
US-09-717-422-1

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029  
Db 15 AAAAAGAGGGGAG 2

## RESULT 210

5214136-12/c  
; Patent No. 5214136  
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK  
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES  
; OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 18  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/482,941  
; FILING DATE: 20-FEB-1990

;SEQ ID NO:12:  
; LENGTH: 15  
5214136-12

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGGGA 1028  
Db 14 GAAAAAGAGGGGGA 1

RESULT 211

US-08-985-162-60/c  
; Sequence 60, Application US/08985162  
; Patent No. 6057156

GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwaggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: PastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 60:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-985-162-60  
Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGGCAATGAGGAC 876  
Db 17 AGGGCAATGAGGAC 4

RESULT 212

US-09-021-701-40  
; Sequence 40, Application US/09021701  
; Patent No. 6251588

GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; TITLE OF INVENTION: probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; ZIP: 94304

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-09-021-701-40  
Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138  
Db 4 TTCCACCTTCACCT 17

US-09-021-701-40  
; Sequence 40, Application US/09021701  
; Patent No. 6251588

GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; TITLE OF INVENTION: probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-40

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138  
Db 4 TTCCACCTTCACCT 17

RESULT 213

US-09-021-701-41  
; Sequence 41, Application US/09021701  
; Patent No. 6251588

GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; TITLE OF INVENTION: probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; ZIP: 94304

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-41

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138  
Db 4 TTCCACCTTCACCT 17

RESULT 213

US-09-021-701-41  
; Sequence 41, Application US/09021701  
; Patent No. 6251588

GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; TITLE OF INVENTION: probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; ZIP: 94304

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-41

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138  
Db 4 TTCCACCTTCACCT 17

COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-41

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138  
|||||  
DB 3 TTCCACATTCACCT 16

## RESULT 214

US-09-021-701-42  
; Sequence 42, Application US/09021701  
; Patent No. 6251588  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 42:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-42

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138  
|||||  
DB 2 TTCCACATTCACCT 15

## RESULT 215

US-09-021-701-43  
; Sequence 43, Application US/09021701  
; Patent No. 6251588  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; INFORMATION FOR SEQ ID NO: 43:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-43

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138

Db 1 TTCCATTCACCT 14

## RESULT 216

US-09-282-146-4  
Sequence 4, Application US/09282146A  
Patent No. 6303847

## GENERAL INFORMATION:

APPLICANT: KAWAKA, Akiyoshi  
APPLICANT: EBINUMA, Hiroyasu  
TITLE OF INVENTION: TRANSCRIPTION FACTOR CONTROLLING PHENYLPROPANOID  
TITLE OF INVENTION: BIOSYNTHESIS PATHWAY  
FILE REFERENCE: 4859-0027-0  
CURRENT APPLICATION NUMBER: US/09/282.146A  
EARLIER FILING DATE: 1999-03-31  
EARLIER APPLICATION NUMBER: JP 10-125171  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 4

LENGTH: 17  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-282-146-4

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CCCCAACCCCTTC 1270

Db 4 CACCAACCCCTTC 17

## RESULT 217

US-08-584-040-1757/c  
Sequence 1757, Application US/08584040  
Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Favco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584.040  
FILING DATE: January 11, 1996

## CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 1757:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-1757

## Query Match

Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1163 ACTGTCCCAACTTT 1176

Db 17 ACAGTCCCAACTTT 4

## RESULT 218

US-08-584-040-7987/c  
Sequence 7987, Application US/08584040  
Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Favco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584.040  
FILING DATE: January 11, 1996

## CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 7987:

## SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7987

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1166 GTCCCAACTTTGGC 1179  
Db 14 GTCCCAACTTTGGG 1

## RESULT 219

US-08-679-645-222/c  
; Sequence 222, Application US/08679645  
; Patent No. 6350934

## GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent B.  
APPLICANT: McSwiggan, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR

TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 222:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-679-645-222

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1241 TCGCCTCCGACCCC 1254  
Db 17 TCGCCTTCGACCCC 4

## RESULT 220

US-09-474-432B-401

; Sequence 401, Application US/09474432B

; Patent No. 6528640

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Burgin, Alex

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka

APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle

FILE REFERENCE: MEHB00-831-B (247/276)

CURRENT APPLICATION NUMBER: US/09/474,432B

CURRENT FILING DATE: 1999-12-19

PRIOR APPLICATION NUMBER: US 60/064,866

PRIOR FILING DATE: 1997-11-05

PRIOR APPLICATION NUMBER: US 60/084,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: US 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: US 09/301,511

PRIOR FILING DATE: 1999-04-28

NUMBER OF SEQ ID NOS: 1526

SOFTWARE: Patent in version 3.0

SEQ ID NO 401

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-474-432B-401

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 2.1e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 978 CAAGCTCTACTCCA 991  
Db 1 CAAGCUCUGCUCCA 14

## RESULT 221

US-09-474-432B-839

; Sequence 839, Application US/09474432B

; Patent No. 6528640

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Burgin, Alex

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka

APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle

FILE REFERENCE: MEHB00-831-B (247/276)

CURRENT APPLICATION NUMBER: US/09/474,432B

CURRENT FILING DATE: 1999-12-19

PRIOR APPLICATION NUMBER: US 60/064,866

PRIOR FILING DATE: 1997-11-05

PRIOR APPLICATION NUMBER: US 60/084,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: US 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: US 09/301,511

PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 839  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-839

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CCCCAACCCCTTC 1270  
|||||  
DB 4 CCCAGCCGCCUUC 17

## RESULT 222

US-09-050-861B-35/c  
; Sequence 35, Application US/09050861B  
; Patent No. 655314  
; GENERAL INFORMATION:  
; APPLICANT: Pavan, Donald  
; TITLE OF INVENTION: TOSO AS A TARGET FOR DRUG SCREENING  
; FILE REFERENCE: RIG-002CON  
; CURRENT APPLICATION NUMBER: US/09/050,861B  
; CURRENT FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: US/09/651,150B  
; PRIOR FILING DATE: 2000-08-30  
; PRIOR APPLICATION NUMBER: US 09/050,861  
; PRIOR FILING DATE: 1998-03-30  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 35  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-050-861B-35

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCAACCCC 1266  
|||||  
DB 16 CTATCCCAACCCC 3

## RESULT 223

US-09-371-772B-302/c  
; Sequence 302, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 302  
; LENGTH: 17  
; TYPE: RNA

; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-302

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1163 ACTGTCCCAACTTT 1176  
|||||  
DB 17 ACATCCCAACTTT 4

## RESULT 224

US-09-371-772B-3770/c  
; Sequence 3770, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3770  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3770

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1166 GTCCCAACTTTGCG 1179  
|||||  
DB 14 GTCCCAACTTTGG 1

## RESULT 225

US-09-371-772B-6349  
; Sequence 6349, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6349  
; LENGTH: 17  
; TYPE: RNA



; ORGANISM: Homo sapiens  
US-09-371-772B-6349

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853  
||| ||||| ||||| :||  
Db 4 CCCACCCGAGUUG 17

RESULT 226

US-09-371-772B-6350  
; Sequence 6350, Application US/09371772B  
; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6350

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-6350

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853  
||| ||||| ||||| :||  
Db 3 CCCACCCGAGUUG 16

RESULT 227

US-09-371-772B-6351  
; Sequence 6351, Application US/09371772B  
; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6351

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-6350

US-09-371-772B-6351

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853  
||| ||||| ||||| :||  
Db 2 CCCACCCGAGUUG 15

RESULT 228

US-09-371-772B-6352

; Sequence 6352, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions

; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6352

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-6352

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853  
||| ||||| ||||| :||  
Db 1 CCCACCCGAGUUG 14

RESULT 229

US-09-476-387-400

; Sequence 400, Application US/09476387

; Patent No. 6617438

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adams, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleoside Triphosphate and their Incorporation into Oligonucle

; FILE REFERENCE: MBH00-831-C (249/073)

; CURRENT APPLICATION NUMBER: US/09/476,387

; CURRENT FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05

;

; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 400  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-400

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 2.1e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 978 CAAGTCTACTCCA 991  
|||||:|:|:  
Db 1 CAAGCUCGUCCCA 14

## RESULT 230

US-09-476-387-838  
; Sequence 838, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MEH900-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,575  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/054,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 838  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-838

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CCCCAACCCCTTC 1270  
|||||:|:|:  
Db 4 CCCAGCCCCCUUC 17

## RESULT 231

US-09-401-063-60/c  
; Sequence 60, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 60:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-60

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGCACCTGAGGAC 876  
|||||:|:|:  
Db 17 AGGCACCTGAGGAC 4

## RESULT 232

US-09-866-108A-975  
; Sequence 975, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Shazron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 975
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-975

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1057 GCCCAACCCCAAG 1070
DB      1 GCCCAACCCCAAG 14

RESULT 233
US-09-866-108A-8355/c
; Sequence 8355, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8355

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1057 GCCCAACCCCAAG 1070
DB      1 GCCCAACCCCAAG 14

RESULT 233
US-09-866-108A-8355/c
; Sequence 8355, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8355
```

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; ORGANISM: Homo sapiens
US-09-866-108A-8355

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1137 CTCACGCTCCACCT 1150
DB      17 CTCACGCTCCCTCT 4

RESULT 234
US-09-866-108A-8356/c
; Sequence 8356, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8356
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8356

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1137 CTCACGCTCCACCT 1150
DB      16 CTCACGCTCCCTCT 3

RESULT 235
US-09-866-108A-8357/c
; Sequence 8357, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEWICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8357
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8357

Query Match 0.6% Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1137 CTCGAGTCCACCT 1150
DB 15 CTCGAGTCCCTCT 2

RESULT 236
US-09-866-108A-8358/C
; Sequence 8358, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

Query Match 0.6% Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1137 CTCGAGTCCACCT 1150
DB 15 CTCGAGTCCCTCT 2

RESULT 237
US-08-373-124A-65
; Sequence 65, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
```

REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-65

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 41.2%; Pred. No. 2.4e+02;  
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Qy 910 TTCTTTGCTCTTGCCT 926  
Db 1 UGCUAUGGUCUAGCCU 17

RESULT 238  
US-08-373-124A-1353/C  
Sequence 1353, Application US/08373124A  
Patent No. 5846042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOSOMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1353:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1353

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1254 CATGCCCAACCCCTTC 1270  
Db 17 CATGCCCAACCCCATC 1

RESULT 239  
US-08-782-047-9  
Sequence 9, Application US/08782047  
Patent No. 5795726  
GENERAL INFORMATION:  
APPLICANT: Gluckmann, M. Alexandra  
TITLE OF INVENTION: Therapeutic Compositions and Methods and  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street, suite 510  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1875  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/782,047  
FILING DATE: January 10, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION NUMBER: 08/760,246  
FILING DATE: December 4, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/749,431  
FILING DATE: No. 5795726ember 15, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/748,229  
FILING DATE: No. 5795726ember 12, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: MIQ-011CP3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-782-047-9

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1216 GCTGACCCCATCCTTGC 1232  
Db 1 GCAGATCCCTCTTGC 17

RESULT 240

```

US-08-782-047-27
; Sequence 27, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; Diagnostic Assa
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: January 10, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/782,047
; FILING DATE: December 4, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/749,431
; FILING DATE: No. 5795726ember 15, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/748,229
; FILING DATE: No. 5795726ember 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIQ-011CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-782-047-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1216 GCTGACCCCATCCTTGC 1232
||| ||| ||| ||| |||
Db 1 GCAGATCCCGTCCTTGC 17

RESULT 241
US-08-749-431A-24
; Sequence 24, Application US/08749431A
; Patent No. 5800998
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
; AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA

US-08-782-047-27
; Sequence 27, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; Diagnostic Assa
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: January 10, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/782,047
; FILING DATE: December 4, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/749,431
; FILING DATE: No. 5795726ember 15, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/748,229
; FILING DATE: No. 5795726ember 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIQ-011CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-782-047-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1216 GCTGACCCCATCCTTGC 1232
||| ||| ||| ||| |||
Db 1 GCAGATCCCGTCCTTGC 17

RESULT 241
US-08-749-431A-24
; Sequence 24, Application US/08749431A
; Patent No. 5800998
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
; AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA

US-08-782-047-27
; Sequence 27, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; Diagnostic Assa
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 15-NOV-1996
; APPLICATION NUMBER: US/08/749,431A
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-011.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-749-431A-24

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1216 GCTGACCCCATCCTTGC 1232
||| ||| ||| ||| |||
Db 1 GCAGATCCCGTCCTTGC 17

RESULT 242
US-08-435-628-65
; Sequence 65, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943

```

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; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1353:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-65

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 2.4e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 910 TTCCTTGGCTTTGGCT 926
Db 1 UGCUAUGGUCUAGCCU 17

RESULT 243
US-08-435-628-1353/c
; Sequence 1353, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-65

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1254 CATCCCCAACCCCTTC 1270
Db 17 CATGCCCAAAACCCCATC 1

RESULT 244
US-08-173-489C-96
; Sequence 96, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from superoxide
; DESCRIPTION: dismutase sequence region in Seq ID No. 586124495
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 96 :FROM 1 TO 17

```

US-08-173-489C-96

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCCATCCCAACCCCT 1268  
DB 1 CCCCTCCCGCCCT 17

RESULT 245

US-08-889-296A-27  
; Sequence 27, Application US/08089296A  
; Patent No. 5872242  
; GENERAL INFORMATION:  
; APPLICANT: Monia, B.P., Cowser, L.M. and Manoharan, M.  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Inhibition of ras  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/889,296A  
; FILING DATE: herewith  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/411,734  
; FILING DATE: April 3, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/09346  
; FILING DATE: October 1, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 958,134  
; FILING DATE: October 5, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/007,996  
; FILING DATE: January 21, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0213  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-889-296A-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGTCCA 1147  
DB 1 CTAGCCACCAGTCCA 17

RESULT 246

US-08-848-840A-27  
; Sequence 27, Application US/08848840A  
; Patent No. 5965722  
; GENERAL INFORMATION:  
; APPLICANT: Monia, et al.  
; TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH  
; TITLE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/848,840A  
; FILING DATE: 30-APR-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/317,289  
; FILING DATE: 03-OCT-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/794,493  
; FILING DATE: 04-FEB-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/335,046  
; FILING DATE: 07-NOV-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/488,256  
; FILING DATE: 07-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/465,866  
; FILING DATE: 06-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/468,037  
; FILING DATE: 06-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/411,734  
; FILING DATE: 03-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/227,180  
; FILING DATE: 13-APR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2458  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-848-840A-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGTCCA 1147  
DB 1 CTAGCCACCAGTCCA 17



```
RESULT 247
US-08-985-162-420/c
; Sequence 420, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-Seq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 420:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-985-162-420
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 889 GTGCTGTTGCCCTCGT 905
DB 17 GTGCTGTTGCACAGGT 1

RESULT 248
US-08-945-654-4
; Sequence 4, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; TITLE OF INVENTION: THEREOF.
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/945,654
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9504922
FILING DATE: 25-APR-1995
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
US-08-945-654-4
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCACCT 1150
DB 1 CCCATCCTGCTCCACCT 17

RESULT 249
US-08-961-469A-35
; Sequence 35, Application US/08961469A
; Patent No. 6083923
; GENERAL INFORMATION:
; APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
; APPLICANT: Mike Templin, Randy Howard, Rahul Mehta
; TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,469A
; FILING DATE: October 31, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-08-961-469A-35
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
```

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTGACCTCCAGCTCCA 1147  
Db 1 CTACGCCACCACTCCA 17

RESULT 250

US-09-128-494-27  
; Sequence 27, Application US/09128494  
; Patent No. 6117848  
; GENERAL INFORMATION:  
; APPLICANT: Monia, B.P., Cowsett, L.M. and Manoharan, M.  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Inhibition of ras  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/128,494  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/889,296  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/411,734  
; FILING DATE: April 3, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/09346  
; FILING DATE: October 1, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 959,134  
; FILING DATE: October 5, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/007,996  
; FILING DATE: January 21, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0213  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-128-494-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTGACCTCCAGCTCCA 1147  
Db 1 CTACGCCACCACTCCA 17

RESULT 251

US-08-924-870A-9  
; Sequence 9, Application US/08924870A  
; Patent No. 6143491  
; GENERAL INFORMATION:  
; APPLICANT: Gl cksmann, M. Alexandra  
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND  
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
; STREET: One Post Office Square  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109-2170  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/924,870A  
; FILING DATE: 05-SEP-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/782,047  
; FILING DATE: 10-JAN-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Arnold, Beth E.  
; REGISTRATION NUMBER: 35,430  
; REFERENCE/DOCKET NUMBER: MIA-011.27.2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-832-1294  
; TELEFAX: 617-832-7000  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
US-08-924-870A-9

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1216 GCTGACCCCATCCTTGC 1232  
Db 1 GCAGATCCCGTCTTGC 17

RESULT 252

US-08-924-870A-27  
; Sequence 27, Application US/08924870A  
; Patent No. 6143491  
; GENERAL INFORMATION:  
; APPLICANT: Gl cksmann, M. Alexandra  
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND  
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
; STREET: One Post Office Square  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109-2170  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
US-08-924-870A-27

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5924:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5924

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best local Similarity 70.6%; Pred. No. 2.4e-02;
Matches 12; Conservative 2; Mismatches 3; Indels

QY 1083 TCCAGGCTTCACCCCA 1099
DB 1 UCCGGCUCGCCCCCA 17

RESULT 254
US-08-584-040-7413
; Sequence 7413, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stichcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7413:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

TOPOLOGY: linear  
US-08-584-040-7413

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1239 CCTCGCCTCCGACCCCA 1255  
DB 1 CCUCGCUCCAGCCCA 17

RESULT 255  
US-09-248-386-27  
; Sequence 27, Application US/09248386  
; Patent No. 6359124  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P  
; APPLICANT: Freier, Susan M  
; APPLICANT: Sanghvi, Yogesh S  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Ecker, David J  
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and  
; TITLE OF INVENTION: Alternating Oligonucleotides  
; FILE REFERENCE: ISI83350  
; CURRENT APPLICATION NUMBER: US/09/248,386  
; CURRENT FILING DATE: 1999-01-12  
; EARLIER APPLICATION NUMBER: 08/848,840  
; EARLIER FILING DATE: 1997-04-30  
; EARLIER APPLICATION NUMBER: 07/411,734  
; EARLIER FILING DATE: 1989-09-25  
; EARLIER APPLICATION NUMBER: PCT/US93/09346  
; EARLIER FILING DATE: 1993-10-01  
; EARLIER APPLICATION NUMBER: 07/715,196  
; EARLIER FILING DATE: 1991-06-14  
; EARLIER APPLICATION NUMBER: 07/958,134  
; EARLIER FILING DATE: 1992-10-05  
; EARLIER APPLICATION NUMBER: 08/007,996  
; EARLIER FILING DATE: 1993-01-21  
; EARLIER APPLICATION NUMBER: 07/703,619  
; EARLIER FILING DATE: 1991-05-21  
; EARLIER APPLICATION NUMBER: 08/040,903  
; EARLIER FILING DATE: 1993-03-31  
; EARLIER APPLICATION NUMBER: 07/040,526  
; EARLIER FILING DATE: 1987-04-20  
; EARLIER APPLICATION NUMBER: 08/174,379  
; EARLIER FILING DATE: 1993-12-28  
; EARLIER APPLICATION NUMBER: 08/040,933  
; EARLIER FILING DATE: 1993-03-31  
; EARLIER APPLICATION NUMBER: 08/300,072  
; EARLIER FILING DATE: 1994-09-02  
; EARLIER APPLICATION NUMBER: 08/039,979  
; EARLIER FILING DATE: 1993-03-30  
; EARLIER APPLICATION NUMBER: 08/395,168  
; EARLIER FILING DATE: 1995-02-27  
; EARLIER APPLICATION NUMBER: 07/814,961  
; EARLIER FILING DATE: 1991-12-24  
; EARLIER APPLICATION NUMBER: 08/244,993  
; EARLIER FILING DATE: 1994-06-21  
; EARLIER APPLICATION NUMBER: 08/468,037  
; EARLIER FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 27  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence  
US-09-248-386-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCTCCAGCTCCA 1147  
DB 1 CTACGCCACCACTCCA 17

RESULT 256  
US-09-058-165-3/c  
; Sequence 3, Application US/09058165  
; Patent No. 6387615  
; GENERAL INFORMATION:  
; APPLICANT: COOKSON, WILLIAM  
; APPLICANT: MOFFATT, MIRIAM  
; TITLE OF INVENTION: ASTHMA  
; FILE REFERENCE: 98-0491\*/LC(WMC)/263  
; CURRENT APPLICATION NUMBER: US/09/058,165  
; CURRENT FILING DATE: 1998-04-10  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: PROBE  
US-09-058-165-3

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCCATCCCCAACCCCT 1268  
DB 17 CCCGTCCTCCATGCCCT 1

RESULT 257  
US-09-220-510B-1/c  
; Sequence 1, Application US/09220510B  
; Patent No. 6440726  
; GENERAL INFORMATION:  
; APPLICANT: RESNICK, NITZAN  
; TITLE OF INVENTION: EXPRESSION VECTORS COMPRISING MULTIPLE SHEAR STRESS  
; TITLE OF INVENTION: RESPONSIVE ELEMENTS (SSRE) AND METHODS OF USE FOR  
; TITLE OF INVENTION: TREATING DISORDERS RELATED TO VASCULOGENESIS AND/OR  
; TITLE OF INVENTION: ANGIOGENESIS IN A SHEAR STRESS ENVIRONMENT  
; FILE REFERENCE: P-2771-US  
; CURRENT APPLICATION NUMBER: US/09/220,510B  
; CURRENT FILING DATE: 1998-12-24  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial sequence:  
; OTHER INFORMATION: A PDGF-A Shear Stress Response Element.  
US-09-220-510B-1

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1238 CCCTCGCCTCCGACCC 1254  
DB 17 CCCCCTCCGACCC 1

RESULT 258  
US-09-474-432B-521  
; Sequence 521, Application US/0947432B  
; Patent No. 6528640  
; GENERAL INFORMATION:

TOPOLOGY: linear  
US-08-584-040-7413

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1239 CCTCGCCTCCGACCCCA 1255  
DB 1 CCUCGCUCCAGCCCA 17

RESULT 255  
US-09-248-386-27  
; Sequence 27, Application US/09248386  
; Patent No. 6359124  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P  
; APPLICANT: Freier, Susan M  
; APPLICANT: Sanghvi, Yogesh S  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Ecker, David J  
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and  
; TITLE OF INVENTION: Alternating Oligonucleotides  
; FILE REFERENCE: ISI83350  
; CURRENT APPLICATION NUMBER: US/09/248,386  
; CURRENT FILING DATE: 1999-01-12  
; EARLIER APPLICATION NUMBER: 08/848,840  
; EARLIER FILING DATE: 1997-04-30  
; EARLIER APPLICATION NUMBER: 07/411,734  
; EARLIER FILING DATE: 1989-09-25  
; EARLIER APPLICATION NUMBER: PCT/US93/09346  
; EARLIER FILING DATE: 1993-10-01  
; EARLIER APPLICATION NUMBER: 07/715,196  
; EARLIER FILING DATE: 1991-06-14  
; EARLIER APPLICATION NUMBER: 07/958,134  
; EARLIER FILING DATE: 1992-10-05  
; EARLIER APPLICATION NUMBER: 08/007,996  
; EARLIER FILING DATE: 1993-01-21  
; EARLIER APPLICATION NUMBER: 07/703,619  
; EARLIER FILING DATE: 1991-05-21  
; EARLIER APPLICATION NUMBER: 08/040,903  
; EARLIER FILING DATE: 1993-03-31  
; EARLIER APPLICATION NUMBER: 07/040,526  
; EARLIER FILING DATE: 1987-04-20  
; EARLIER APPLICATION NUMBER: 08/174,379  
; EARLIER FILING DATE: 1993-12-28  
; EARLIER APPLICATION NUMBER: 08/040,933  
; EARLIER FILING DATE: 1993-03-31  
; EARLIER APPLICATION NUMBER: 08/300,072  
; EARLIER FILING DATE: 1994-09-02  
; EARLIER APPLICATION NUMBER: 08/039,979  
; EARLIER FILING DATE: 1993-03-30  
; EARLIER APPLICATION NUMBER: 08/395,168  
; EARLIER FILING DATE: 1995-02-27  
; EARLIER APPLICATION NUMBER: 07/814,961  
; EARLIER FILING DATE: 1991-12-24  
; EARLIER APPLICATION NUMBER: 08/244,993  
; EARLIER FILING DATE: 1994-06-21  
; EARLIER APPLICATION NUMBER: 08/468,037  
; EARLIER FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 27  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence  
US-09-248-386-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MBH00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 521  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-521

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 2.4e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 785 ACGAGTGTCTCTCTGT 801  
DB 1 ACCAGUGUGGCCUGU 17

RESULT 259  
US-09-474-432B-874/c  
Sequence 874, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MBH00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 874  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-874

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 CCACAGTGTGTGCCCC 900  
DB 17 CCCAGTGTGTCTTC 1  
RESULT 260  
US-09-371-772B-2763  
Sequence 2763, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
FILE REFERENCE: MEH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2763  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-2763

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TCCAGGCTTACCCCCA 1099  
DB 1 UCCCGGCGCGCCCCA 17

RESULT 261  
US-09-371-772B-3220  
Sequence 3220, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
FILE REFERENCE: MEH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3220  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-3220

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1239 COTGCGCTCCGACCCCA 1255  
||:||||:|||||  
Db 1 CCUCGCUCCAAAGCCCA 17

## RESULT 262

US-09-371-772B-4237  
; Sequence 4237, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4237  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4237

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 2.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 TGCACCTGCCATCAGG 767  
|||:||||:|||||  
Db 1 UGCAUCUCCAAUGCAGG 17

## RESULT 263

US-09-371-772B-4970  
; Sequence 4970, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4970  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4970

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 2.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1054 COTGCCCCCAACCCCAAG 1070

Db 1 CUGACAGCAACCCCAAG 17  
||:||||:|||||

## RESULT 264

US-09-371-772B-5211  
; Sequence 5211, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5211  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5211

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 47.1%; Pred. No. 2.4e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 790 TGTCTCTCTCTAGTAA 806  
:||||:||||:|||||  
Db 1 UUGGCUCCUCUAGUAA 17

## RESULT 265

US-09-371-772B-5457  
; Sequence 5457, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5457  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5457

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 2.4e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 769 TTCCTTCTAAGAGAAA 785  
:||||:|||||

[illegible][illegible]

Query Match	0.6%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	76.5%	Pred. No. 2.4e+02;		
Matches 13;	Conservative 1;	Mismatches 3;	Indels 0;	Gaps 0;
QY	875	ACTCAGGCACCCAGTG	891	
Dd	1	ACACAGACACCCGCG	17	

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-873

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 CCACAGTGCTGTGGCC 900
DB 17 CCCAGTGTCTTCC 1

RESULT 272
US-09-401-063-420/c
; Sequence 420, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 420:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-420

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 889 GTGCTGTCTCCCTCGT 905
DB 17 GTGCTGTCTGACACAGT 1

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-873

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.3%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 785 ACGAGTGCTCTCTGT 801
DB 1 ACCAGUGUGGCGUGU 17

RESULT 271
US-09-476-387-873/c
; Sequence 873, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-873

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.3%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 785 ACGAGTGCTCTCTGT 801
DB 1 ACCAGUGUGGCGUGU 17

RESULT 271
US-09-476-387-873/c
; Sequence 873, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 873



SOFTWARE: Acomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 308  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-308

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGGGGAG 1029  
 DB 1 CTGAAAAGAGGGCAAG 17

RESULT 275

US-09-866-108A-1180  
 Sequence 1180, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: ACOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-05-25  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Acomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 1180  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-1180

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1015 GAAAAGAGGGGAGCT 1031  
 DB 1 GACAAAGAGGGGTGCT 17

RESULT 276

US-09-827-998-467  
 Sequence 467, Application US/09827998  
 Patent No. 6656700  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
 FILE REFERENCE: MDMORF-8  
 CURRENT APPLICATION NUMBER: US/09/827,998  
 CURRENT FILING DATE: 2001-04-06  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 NUMBER OF SEQ ID NOS: 1881  
 SOFTWARE: Acomica Sequence Listing Engine  
 Patent No. 6656700  
 SEQ ID NO 467  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-827-998-467

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 2.4e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGGGGAG 1029  
 DB 1 CTGAAAAGAGGGGG 17

RESULT 274

US-09-866-108A-308  
 Sequence 308, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: ACOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-05-25  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755

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US-09-866-108A-2033/c
; Sequence 2033, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2033
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2034

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 749 GTGCACCTGCCATGCA 765
DB 17 TGGGACCTTCCCTGCA 1

RESULT 278
US-09-866-108A-2680/c
; Sequence 2680, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

QY 750 GTGCACCTGCCATGCGAG 766
DB 17 GGGACCTTCCCTGCGAG 1

RESULT 277
US-09-866-108A-2034/c
; Sequence 2034, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2680
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2680
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1172 ACTTGGCGTCCCGC 1188
|||||
DB 17 ACTTGCAGGCCCGC 1
RESULT 279
US-09-866-108A-6062/c
; Sequence 6062, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6062
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6062
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1130 CCTTCAGTCCAGCTCC 1146
|||||
DB 17 CCTTCAGTCCAGCTCC 1

RESULT 280
US-09-866-108A-8395/c
; Sequence 8395, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8395
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8395
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1098 CACCTGGGCTTCAGTC 1114
|||||
DB 17 CACACTGGCTTCATC 1

RESULT 281
US-09-866-108A-8398/c
; Sequence 8398, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8398
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8398

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1095 CCCACCTGGGCTTCA 1111
Db 17 CCTCACCTGGGCTTCA 1

RESULT 282
US-09-866-108A-10588/c
; Sequence 10588, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
```

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10588
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10588

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1022 AGGGGAGCTTGAAGGA 1038
Db 17 AAGGGCAGCTTCAAGGA 1

RESULT 283
US-09-657-042A-75
; Sequence 75, Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRI
; FILE REFERENCE: RTS-0148
; CURRENT APPLICATION NUMBER: US/09/657,042A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-75

Query Match      0.6%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1677 CCCACCTTTTCTGGA 1693
Db 4 CCCCCAATTTTCTGGA 20

RESULT 284
US-08-585-684B-619/c
; Sequence 619, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
```

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; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 619:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-619

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1011 ACCTGAAAAAGA 1022
Db      12 ACCTGAAAAAGA 1

RESULT 285
US-09-038-073-619/c
; Sequence 619, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 619:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-619

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1011 ACCTGAAAAAGA 1022
Db      12 ACCTGAAAAAGA 1

RESULT 286
US-08-584-040-8450
; Sequence 8450, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8450:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8450

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy      915 TGCTCTTCCT 926
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-619

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1011 ACCTGAAAAAGA 1022
Db      12 ACCTGAAAAAGA 1

RESULT 286
US-08-584-040-8450
; Sequence 8450, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8450:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8450

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy      915 TGCTCTTCCT 926
```

```
Db      2 UGGUCUUUGCCU 13
      |||:|:|:|:|:|
      PRIOR APPLICATION DATA: including application
      PRIOR APPLICATION DATA: described below:
      APPLICATION NUMBER: 08/008,895
      FILING DATE: January 19, 1993
      APPLICATION NUMBER: 07/989,849
      FILING DATE: December 7, 1992
      ATTORNEY/AGENT INFORMATION:
      NAME: Warburg, Richard J.
      REGISTRATION NUMBER: 32,327
      REFERENCE/DOCKET NUMBER: 209/166
      TELEPHONE: (213) 489-1600
      TELEFAX: (213) 955-0440
      TELEX: 67-3510
      INFORMATION FOR SEQ ID NO: 610:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 15 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      US-08-311-486C-610
      Query Match      0.6%; Score 12; DB 1; Length 15;
      Best Local Similarity 100.0%; Pred. No. 1.9e+02;
      Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      71 GCAGAGAGGAGG 82
      |||:|:|:|:|:|
      Db      13 GCAGAGAGGAGG 2

RESULT 289
US-09-371-772B-5670
; Sequence 5670, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5670
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5670
      Query Match      0.6%; Score 12; DB 1; Length 16;
      Best Local Similarity 50.0%; Pred. No. 2.2e+02;
      Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      915 TGGTCTTTGCCT 926
      |||:|:|:|:|:|
      Db      3 UGGUCUUUGCCU 14

RESULT 290
US-08-861-096A-12/c
; Sequence 12, Application US/08861096A
; Patent No. 5958689
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan I. Stinchcomb
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
```

APPLICANT: Scholin, Christopher A.  
APPLICANT: Cangelosi, Gerard A.  
APPLICANT: Haydock, Paul V.  
TITLE OF INVENTION: Detection of Toxicogenic Marine Diatoms of  
the Genus Pseudo-nitzschia  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/861,096A  
FILING DATE: 21-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/018,143  
FILING DATE: 22-MAY-1996

ATTORNEY/AGENT INFORMATION:

NAME: Weber, Kenneth A.

REGISTRATION NUMBER: 31,677

REFERENCE/DOCKET NUMBER: 017748-000110US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

US-08-861-096A-12

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred.No. 2.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 ACAGCGCCAC 1294

Db 12 ACAGCGCCAC 1

RESULT 291

US-08-861-096A-29

Sequence 29, Application US/08861096A

Patent No. 5958689

GENERAL INFORMATION:

APPLICANT: Scholin, Christopher A.

APPLICANT: Cangelosi, Gerard A.

APPLICANT: Haydock, Paul V.

TITLE OF INVENTION: Detection of Toxicogenic Marine Diatoms of

the Genus Pseudo-nitzschia

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/861,096A  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/018,143  
FILING DATE: 22-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Weber, Kenneth A.  
REGISTRATION NUMBER: 31,677  
REFERENCE/DOCKET NUMBER: 017748-000110US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-861-096A-29

Query Match 0.6%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred.No. 2.7e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 ACAGCGCCAC 1294

Db 6 ACAGCGCCAC 17

RESULT 292

US-08-584-040-1499

Sequence 1499, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1499:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1499

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGCTTTGGCT 926  
Db 5 UGGUCUUGCCU 16

RESULT 293  
US-08-584-040-1500  
Sequence 1500, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1500:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1500

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGCTTTGGCT 926  
Db 5 UGGUCUUGCCU 16

RESULT 293  
US-08-584-040-1500  
Sequence 1500, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1500:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1500

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGCTTTGGCT 926  
Db 2 UGGUCUUGCCU 13

RESULT 295  
US-08-584-040-1969/c  
Sequence 1969, Application US/08584040  
Patent No. 6346398

Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;  
QY 915 TGGCTTTGGCT 926  
Db 3 UGGUCUUGCCU 14

RESULT 294  
US-08-584-040-1501  
Sequence 1501, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1501:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1501

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGCTTTGGCT 926  
Db 2 UGGUCUUGCCU 13

RESULT 295  
US-08-584-040-1969/c  
Sequence 1969, Application US/08584040  
Patent No. 6346398



GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1969:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1969

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAGAAA 816  
Db 17 AACTGTAAGAAA 6

RESULT 296  
US-08-584-040-1970/c  
Sequence 1970, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1970:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1970

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAGAAA 816  
Db 15 AACTGTAAGAAA 4

RESULT 297  
US-08-584-040-1971/c  
Sequence 1971, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
CORRESPONDENCE ADDRESS:

SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1971:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1971

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 AACTGTAAAGAA 816  
DB 14 AACTGTAAAGAA 3

## RESULT 298

US-09-371-772B-44  
Sequence 44, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 44  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-44

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926  
DB 5 UGGUCUUUGCCU 16

## RESULT 299

US-09-371-772B-45  
Sequence 45, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 45  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-45

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926  
DB 3 UGGUCUUUGCCU 14

## RESULT 300

US-09-371-772B-46  
Sequence 46, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 46  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-46

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926  
DB 2 UGGUCUUUGCCU 13

## RESULT 301

US-09-371-772B-514/c  
Sequence 514, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.									
APPLICANT: Pavco, Pam									
APPLICANT: McSwiggen, Jim									
APPLICANT: Stinchcomb, Dan									
APPLICANT: Escobedo, Jaime									
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re									
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor									
FILE REFERENCE: MEHB00,876-J (237/198)									
CURRENT APPLICATION NUMBER: US 09/371,772B									
CURRENT FILING DATE: 1999-08-10									
PRIOR FILING DATE: 1995-10-26									
PRIOR APPLICATION NUMBER: US 60/005,974									
PRIOR FILING DATE: 1996-01-08									
PRIOR APPLICATION NUMBER: US 08/584,040									
NUMBER OF SEQ ID NOS: 14225									
SOFTWARE: PatentIn version 3.0									
SEQ ID NO 514									
LENGTH: 17									
TYPE: RNA									
ORGANISM: Homo sapiens									
US-09-371-772B-514									
Query Match 0.6%; Score 12; DB 1; Length 17;									
Best Local Similarity 100.0%; Pred. No. 2.7e+02;									
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	805	AACTGTAAGAAA	816						
DB	17	AACTGTAAGAAA	6						
RESULT 302									
US-09-371-772B-515/c									
Sequence 515, Application US/09371772B									
Patent No. 6566127									
GENERAL INFORMATION:									
APPLICANT: Ribozyne Pharmaceuticals, Inc.									
APPLICANT: Pavco, Pam									
APPLICANT: McSwiggen, Jim									
APPLICANT: Stinchcomb, Dan									
APPLICANT: Escobedo, Jaime									
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re									
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor									
FILE REFERENCE: MEHB00,876-J (237/198)									
CURRENT APPLICATION NUMBER: US 09/371,772B									
CURRENT FILING DATE: 1999-08-10									
PRIOR FILING DATE: 1995-10-26									
PRIOR APPLICATION NUMBER: US 60/005,974									
PRIOR FILING DATE: 1996-01-08									
PRIOR APPLICATION NUMBER: US 08/584,040									
NUMBER OF SEQ ID NOS: 14225									
SOFTWARE: PatentIn version 3.0									
SEQ ID NO 515									
LENGTH: 17									
TYPE: RNA									
ORGANISM: Homo sapiens									
US-09-371-772B-515									
Query Match 0.6%; Score 12; DB 1; Length 17;									
Best Local Similarity 100.0%; Pred. No. 2.7e+02;									
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	805	AACTGTAAGAAA	816						
DB	15	AACTGTAAGAAA	4						
RESULT 303									
US-09-371-772B-516/c									
Sequence 516, Application US/09371772B									
Patent No. 6566127									
GENERAL INFORMATION:									
APPLICANT: Ribozyne Pharmaceuticals, Inc.									
APPLICANT: Pavco, Pam									
APPLICANT: McSwiggen, Jim									
APPLICANT: Stinchcomb, Dan									
APPLICANT: Escobedo, Jaime									
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re									
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor									
FILE REFERENCE: MEHB00,876-J (237/198)									
CURRENT APPLICATION NUMBER: US 09/371,772B									
CURRENT FILING DATE: 1999-08-10									
PRIOR FILING DATE: 1995-10-26									
PRIOR APPLICATION NUMBER: US 60/005,974									
PRIOR FILING DATE: 1996-01-08									
PRIOR APPLICATION NUMBER: US 08/584,040									
NUMBER OF SEQ ID NOS: 14225									
SOFTWARE: PatentIn version 3.0									
SEQ ID NO 516									
LENGTH: 17									
TYPE: RNA									
ORGANISM: Homo sapiens									
US-09-371-772B-516									
Query Match 0.6%; Score 12; DB 1; Length 17;									
Best Local Similarity 100.0%; Pred. No. 2.7e+02;									
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	805	AACTGTAAGAAA	816						
DB	14	AACTGTAAGAAA	3						
RESULT 304									
US-09-371-772B-4244									
Sequence 4244, Application US/09371772B									
Patent No. 6566127									
GENERAL INFORMATION:									
APPLICANT: Ribozyne Pharmaceuticals, Inc.									
APPLICANT: Pavco, Pam									
APPLICANT: McSwiggen, Jim									
APPLICANT: Stinchcomb, Dan									
APPLICANT: Escobedo, Jaime									
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re									
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor									
FILE REFERENCE: MEHB00,876-J (237/198)									
CURRENT APPLICATION NUMBER: US 09/371,772B									
CURRENT FILING DATE: 1999-08-10									
PRIOR FILING DATE: 1995-10-26									
PRIOR APPLICATION NUMBER: US 60/005,974									
PRIOR FILING DATE: 1996-01-08									
PRIOR APPLICATION NUMBER: US 08/584,040									
NUMBER OF SEQ ID NOS: 14225									
SOFTWARE: PatentIn version 3.0									
SEQ ID NO 4244									
LENGTH: 17									
TYPE: RNA									
ORGANISM: Homo sapiens									
US-09-371-772B-4244									
Query Match 0.6%; Score 12; DB 1; Length 17;									
Best Local Similarity 50.0%; Pred. No. 2.7e+02;									
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;									
QY	915	TGGTCTTTGCCT	926						
DB	4	UGGUCUUUGCCU	15						
RESULT 305									
US-09-371-772B-4813/c									
Sequence 4813, Application US/09371772B									
Patent No. 6566127									
GENERAL INFORMATION:									
APPLICANT: Ribozyne Pharmaceuticals, Inc.									
APPLICANT: Pavco, Pam									

; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: M8H00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4813  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4813

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAAGAA 816  
|||  
Db 16 AACTGTAAAGAA 5

## RESULT 306

US-09-371-772B-4814/c  
; Sequence 4814, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: M8H00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4814  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4814

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAAGAA 816  
|||  
Db 12 AACTGTAAAGAA 1

## RESULT 307

US-09-866-108A-303  
; Sequence 303, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: HANZEL, David R.  
; APPLICANT: SHANNON, Mark  
; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David R.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 303  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-303

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1013 CTGAAAAGAGG 1024  
|||  
Db 6 CTGAAAAGAGG 17

## RESULT 308

US-09-866-108A-304  
; Sequence 304, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David R.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30

```
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 304
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-304

Query Match      0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 2.7e-02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1013 CTGAAAAAGAGG 1024
      |||||
Db      4 CTGAAAAAGAGG 15

RESULT 309
US-09-866-108A-305
; Sequence 305, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 306
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-306

Query Match      0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 2.7e-02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1013 CTGAAAAAGAGG 1024
      |||||
Db      3 CTGAAAAAGAGG 14

RESULT 311
US-09-866-108A-307
; Sequence 307, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
```

APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEWICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 307  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-307

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0

QY 1013 CTGAAAAGAGG 1024  
Db 2 CTGAAAAGAGG 13

RESULT 312  
US-09-106-038A-62  
Sequence 62, Application US/09106038A  
Patent No. 6007995  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker and Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Isis Pharmaceuticals, Inc.  
STREET: 292 Faraday Avenue  
CITY: Carlsbad  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92008  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows NT  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,038A  
FILING DATE: June 26, 1998  
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
NAME: Laurel Spear Bernstein  
REGISTRATION NUMBER: 37,290  
REFERENCE/DOCKET NUMBER: RTS-0004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (760) 931-9200  
TELEFAX: (760) 603-3820  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-106-038A-62  
Query Match 0.6%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0

QY 816 AAGCTGGAGTG 827  
Db 2 AAGCTGGAGTG 13

RESULT 313  
US-08-529-190B-16/c  
Sequence 16, Application US/08529190B  
Patent No. 5833991  
GENERAL INFORMATION:  
APPLICANT: Masucci, Maria G.  
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Banner & Witcoff, Ltd.  
STREET: One Financial Center  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,190B  
FILING DATE: 15-SEP-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: S9501324-9  
FILING DATE: 10-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US08/522,595  
FILING DATE: 01-SEP-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen A  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3255/53015  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-529-190B-16

Query Match 0.6%; Score 12; DB 1; Length 24;  
Best Local Similarity 75.0%; Pred. No. 6e+02;

Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1508 TGGAGCTGCTGGGACGCGTG 1527  
|||||

Db 23 TGGAGCTGAGGTGCGGCTG 4  
|||||

## RESULT 314

US-08-325-509-14/c

; Sequence 14, Application US/08325509

; Patent No. 5543308

; GENERAL INFORMATION:

; APPLICANT: MORGAN, RICHARD D.

; TITLE OF INVENTION: ISOLATED DNA ENCODING THE F8E1

; TITLE OF INVENTION: RESTRICTION ENDONUCLEASE AND RELATED METHODS FOR

; TITLE OF INVENTION: PRODUCING THE SAME

; NUMBER OF SEQUENCES: 55

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND

; ADDRESSEE: BIOLOGICS, INC.

; STREET: 32 TOZER ROAD

; CITY: BEVERLY

; STATE: MASSACHUSETTS

; COUNTRY: US

; ZIP: 01915

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/325,509

; FILING DATE: 18-OCT-1994

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: NEB-104

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (508) 927-5054

; TELEFAX: (508) 927-1705

; INFORMATION FOR SEQ ID NO: 14:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: DNA (genomic)

US-08-325-509-14

Query Match 0.5%; Score 11.8; DB 1; Length 14;

Best Local Similarity 71.4%; Pred. No. 1.7e+02;

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 853 GAGAATGTTAAGG 866  
|||||

Db 14 GAGAATGTTAAGG 1  
|||||

## RESULT 315

US-08-182-968A-109/c

; Sequence 109, Application US/08182968A

; Patent No. 5610054

; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.

; TITLE OF INVENTION: METHOD AND REAGENT FOR

; TITLE OF INVENTION: INHIBITING HEPATITIS C

; TITLE OF INVENTION: VIRUS REPLICATION

; NUMBER OF SEQUENCES: 497

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/182,968A  
FILING DATE: 13-JANUARY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/882,888  
FILING DATE: 14-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 205/277  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 109:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-182-968A-109

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CACCTGCCATGCAGG 767  
|||||

Db 15 CACCTGCCATGCAGG 1  
|||||

## RESULT 316

US-08-182-968A-315/c

; Sequence 315, Application US/08182968A

; Patent No. 5610054

; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.

; TITLE OF INVENTION: METHOD AND REAGENT FOR

; TITLE OF INVENTION: INHIBITING HEPATITIS C

; TITLE OF INVENTION: VIRUS REPLICATION

; NUMBER OF SEQUENCES: 497

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/182,968A

; FILING DATE: 13-JANUARY-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/882,888

; FILING DATE: 14-MAY-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

```
/ / REGISTRATION NUMBER: 32,327
/ / REFERENCE/DOCKET NUMBER: 205/277
/ / TELECOMMUNICATION INFORMATION:
/ / TELEPHONE: (213) 489-1600
/ / TELEFAX: (213) 955-0440
/ / TELEX: 67-3510
/ / INFORMATION FOR SEQ ID NO: 315:
/ / SEQUENCE CHARACTERISTICS:
/ / LENGTH: 15
/ / TYPE: nucleic acid
/ / STRANDEDNESS: single
/ / TOPOLOGY: linear
/ / US-08-182-968A-315

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 AAGCCAGAGTGAC 830
DB 15 AAGCCAGAGTGAC 1

RESULT 317
US-08-291-932A-80
/ / Sequence 80, Application US/08291932A
/ / Patent No. 5658780
/ / GENERAL INFORMATION:
/ / APPLICANT: Stinchcomb, Dan T.
/ / APPLICANT: Draper, Kenneth G.
/ / APPLICANT: McSwiggen, James
/ / TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ / TITLE OF INVENTION: DISEASES OR CONDITIONS
/ / TITLE OF INVENTION: RELATED TO LEVELS OF
/ / TITLE OF INVENTION: NP-KB
/ / NUMBER OF SEQUENCES: 830
/ / CORRESPONDENCE ADDRESS:
/ / ADDRESSEE: Lyon & Lyon
/ / STREET: 633 West Fifth Street
/ / STREET: Suite 4700
/ / CITY: Los Angeles
/ / STATE: California
/ / COUNTRY: U.S.A.
/ / ZIP: 90071-2066
/ / COMPUTER READABLE FORM:
/ / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ / COMPUTER: IBM Compatible
/ / OPERATING SYSTEM: IBM P.C. DOS 5.0
/ / SOFTWARE: Word Perfect 5.1
/ / CURRENT APPLICATION DATA:
/ / APPLICATION NUMBER: US/08/291,932A
/ / FILING DATE: August 15, 1994
/ / CLASSIFICATION: 514
/ / PRIOR APPLICATION DATA: including application
/ / PRIOR APPLICATION DATA: described below:
/ / APPLICATION NUMBER: 08/245,466
/ / FILING DATE: May 18, 1994
/ / APPLICATION NUMBER: 07/987,132
/ / FILING DATE: December 7, 1992
/ / ATTORNEY/AGENT INFORMATION:
/ / NAME: Warburg, Richard J.
/ / REGISTRATION NUMBER: 32,327
/ / REFERENCE/DOCKET NUMBER: 208/157
/ / TELECOMMUNICATION INFORMATION:
/ / TELEPHONE: (213) 489-1600
/ / TELEFAX: (213) 955-0440
/ / TELEX: 67-3510
/ / INFORMATION FOR SEQ ID NO: 80:
/ / SEQUENCE CHARACTERISTICS:
/ / LENGTH: 15 base pairs
/ / TYPE: nucleic acid

Two

/ / REGISTRATION NUMBER: 32,327
/ / REFERENCE/DOCKET NUMBER: 205/277
/ / TELECOMMUNICATION INFORMATION:
/ / TELEPHONE: (213) 489-1600
/ / TELEFAX: (213) 955-0440
/ / TELEX: 67-3510
/ / INFORMATION FOR SEQ ID NO: 315:
/ / SEQUENCE CHARACTERISTICS:
/ / LENGTH: 15
/ / TYPE: nucleic acid
/ / STRANDEDNESS: single
/ / TOPOLOGY: linear
/ / US-08-291-932A-125/c

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 836 TGTGCTACCCGAGA 850
DB 1 UGUGCUACCCGAAA 15

RESULT 318
US-08-291-932A-125/c
/ / Sequence 125, Application US/08291932A
/ / Patent No. 5658780
/ / GENERAL INFORMATION:
/ / APPLICANT: Stinchcomb, Dan T.
/ / APPLICANT: Draper, Kenneth G.
/ / APPLICANT: McSwiggen, James
/ / TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ / TITLE OF INVENTION: DISEASES OR CONDITIONS
/ / TITLE OF INVENTION: RELATED TO LEVELS OF
/ / TITLE OF INVENTION: NP-KB
/ / NUMBER OF SEQUENCES: 830
/ / CORRESPONDENCE ADDRESS:
/ / ADDRESSEE: Lyon & Lyon
/ / STREET: 633 West Fifth Street
/ / STREET: Suite 4700
/ / CITY: Los Angeles
/ / STATE: California
/ / COUNTRY: U.S.A.
/ / ZIP: 90071-2066
/ / COMPUTER READABLE FORM:
/ / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ / COMPUTER: IBM Compatible
/ / OPERATING SYSTEM: IBM P.C. DOS 5.0
/ / SOFTWARE: Word Perfect 5.1
/ / CURRENT APPLICATION DATA:
/ / APPLICATION NUMBER: US/08/291,932A
/ / FILING DATE: August 15, 1994
/ / CLASSIFICATION: 514
/ / PRIOR APPLICATION DATA: including application
/ / PRIOR APPLICATION DATA: described below:
/ / APPLICATION NUMBER: 08/245,466
/ / FILING DATE: May 18, 1994
/ / APPLICATION NUMBER: 07/987,132
/ / FILING DATE: December 7, 1992
/ / ATTORNEY/AGENT INFORMATION:
/ / NAME: Warburg, Richard J.
/ / REGISTRATION NUMBER: 32,327
/ / REFERENCE/DOCKET NUMBER: 208/157
/ / TELECOMMUNICATION INFORMATION:
/ / TELEPHONE: (213) 489-1600
/ / TELEFAX: (213) 955-0440
/ / TELEX: 67-3510
/ / INFORMATION FOR SEQ ID NO: 125:
/ / SEQUENCE CHARACTERISTICS:
/ / LENGTH: 15 base pairs
/ / TYPE: nucleic acid
/ / STRANDEDNESS: single
/ / TOPOLOGY: linear
/ / US-08-291-932A-125

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1272 GAAGTGGAGAGAC 1286
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; INFORMATION FOR SEQ ID NO: 315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-08-774-306A-315
Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 AGCCTGGAGTGCAC 830
Db 15 AGCCACGAGTGCAC 1

RESULT 324
US-08-585-684B-2081
; Sequence 2081, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2081:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-585-684B-2081
Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCT 757
Db 1 ACACCAUCGACCU 15
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RESULT 325
US-08-819-867-68/c
; Sequence 68, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-819-867-68
Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCCAA 1262
Db 15 CAACCCCAACCCCA 1

RESULT 326
US-09-064-156A-109/c
; Sequence 109, Application US/09064156A
; Patent No. 6132966
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1  FILING DATE:
2  CLASSIFICATION:
3  PRIOR APPLICATION DATA:
4  APPLICATION NUMBER: US/08/292,620
5  FILING DATE: August 17, 1994
6  APPLICATION NUMBER: 08/008,895
7  FILING DATE: January 19, 1993
8  APPLICATION NUMBER: 07/989,849
9  FILING DATE: December 7, 1992
10 ATTORNEY/AGENT INFORMATION:
11 NAME: Warburg, Richard J.
12 REGISTRATION NUMBER: 32,327
13 REFERENCE/DOCKET NUMBER: 208/149
14 TELEPHONE: (213) 489-1600
15 TELEFAX: (213) 955-0440
16 TELEX: 67-3510
17 INFORMATION FOR SEQ ID NO: 443:
18 SEQUENCE CHARACTERISTICS:
19 LENGTH: 15 base pairs
20 TYPE: nucleic acid
21 STRANDEDNESS: single
22 TOPOLOGY: linear
23 US-09-071-845-443
24
25 Query Match 0.5%; Score 11.8; DB 1; Length 15;
26 Best Local Similarity 60.0%; Pred. No. 2.1e+02;
27 Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
28
29 QY 1170 CAACCTTGGCGTCC 1184
30 |||::: |||:
31 Db 1 CAACUUUACGUCC 15
32
33 RESULT 329
34 US-09-038-073-2081
35 Sequence 2081, Application US/09038073
36 Patent No. 6194150
37 GENERAL INFORMATION:
38 APPLICANT: Stinchcomb, Daniel T.
39 APPLICANT: Jarvis, Thale
40 APPLICANT: McSwiggen, James
41 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
42 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
43 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
44 NUMBER OF SEQUENCES: 2751
45 CORRESPONDENCE ADDRESS:
46 ADDRESSEE: Lyon & Lyon
47 STREET: 633 West Fifth Street
48 STREET: Suite 4700
49 CITY: Los Angeles
50 STATE: California
51 COUNTRY: U.S.A.
52 ZIP: 90071
53 COMPUTER READABLE FORM:
54 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
55 MEDIUM TYPE: storage
56 COMPUTER: IBM Compatible
57 OPERATING SYSTEM: IBM P.C. DOS 5.0
58 SOFTWARE: FastSeq Version 1.5
59 CURRENT APPLICATION DATA:
60 APPLICATION NUMBER: US/09/038,073
61 FILING DATE:
62 PRIOR APPLICATION DATA:
63 APPLICATION NUMBER: 08/585,684
64 FILING DATE:
65 ATTORNEY/AGENT INFORMATION:
66 NAME: Warburg, Richard
67 REGISTRATION NUMBER: 32,327
68 REFERENCE/DOCKET NUMBER: 218/078
69 TELECOMMUNICATION INFORMATION:
70 TELEPHONE: (213) 489-1600
71 TELEFAX: (213) 955-0440
72
73 FILING DATE:
74 CLASSIFICATION:
75 PRIOR APPLICATION DATA:
76 APPLICATION NUMBER: US/08/292,620
77 FILING DATE: August 17, 1994
78 APPLICATION NUMBER: 08/008,895
79 FILING DATE: January 19, 1993
80 APPLICATION NUMBER: 07/989,849
81 FILING DATE: December 7, 1992
82 ATTORNEY/AGENT INFORMATION:
83 NAME: Warburg, Richard J.
84 REGISTRATION NUMBER: 32,327
85 REFERENCE/DOCKET NUMBER: 208/149
86 TELEPHONE: (213) 489-1600
87 TELEFAX: (213) 955-0440
88 TELEX: 67-3510
89 INFORMATION FOR SEQ ID NO: 443:
90 SEQUENCE CHARACTERISTICS:
91 LENGTH: 15 base pairs
92 TYPE: nucleic acid
93 STRANDEDNESS: single
94 TOPOLOGY: linear
95 US-09-071-845-443
96
97 Query Match 0.5%; Score 11.8; DB 1; Length 15;
98 Best Local Similarity 60.0%; Pred. No. 2.1e+02;
99 Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
100
101 QY 1170 CAACCTTGGCGTCC 1184
102 |||::: |||:
103 Db 1 CAACUUUACGUCC 15
104
105 RESULT 329
106 US-09-038-073-2081
107 Sequence 2081, Application US/09038073
108 Patent No. 6194150
109 GENERAL INFORMATION:
110 APPLICANT: Stinchcomb, Daniel T.
111 APPLICANT: Jarvis, Thale
112 APPLICANT: McSwiggen, James
113 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
114 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
115 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
116 NUMBER OF SEQUENCES: 2751
117 CORRESPONDENCE ADDRESS:
118 ADDRESSEE: Lyon & Lyon
119 STREET: 633 West Fifth Street
120 STREET: Suite 4700
121 CITY: Los Angeles
122 STATE: California
123 COUNTRY: U.S.A.
124 ZIP: 90071
125 COMPUTER READABLE FORM:
126 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
127 MEDIUM TYPE: storage
128 COMPUTER: IBM Compatible
129 OPERATING SYSTEM: IBM P.C. DOS 5.0
130 SOFTWARE: FastSeq Version 1.5
131 CURRENT APPLICATION DATA:
132 APPLICATION NUMBER: US/09/038,073
133 FILING DATE:
134 PRIOR APPLICATION DATA:
135 APPLICATION NUMBER: 08/585,684
136 FILING DATE:
137 ATTORNEY/AGENT INFORMATION:
138 NAME: Warburg, Richard
139 REGISTRATION NUMBER: 32,327
140 REFERENCE/DOCKET NUMBER: 218/078
141 TELECOMMUNICATION INFORMATION:
142 TELEPHONE: (213) 489-1600
143 TELEFAX: (213) 955-0440
144
145 FILING DATE:
146 CLASSIFICATION:
147 PRIOR APPLICATION DATA:
148 APPLICATION NUMBER: US/08/292,620
149 FILING DATE: August 17, 1994
150 APPLICATION NUMBER: 08/008,895
151 FILING DATE: January 19, 1993
152 APPLICATION NUMBER: 07/989,849
153 FILING DATE: December 7, 1992
154 ATTORNEY/AGENT INFORMATION:
155 NAME: Warburg, Richard J.
156 REGISTRATION NUMBER: 32,327
157 REFERENCE/DOCKET NUMBER: 208/149
158 TELEPHONE: (213) 489-1600
159 TELEFAX: (213) 955-0440
160 TELEX: 67-3510
161 INFORMATION FOR SEQ ID NO: 443:
162 SEQUENCE CHARACTERISTICS:
163 LENGTH: 15 base pairs
164 TYPE: nucleic acid
165 STRANDEDNESS: single
166 TOPOLOGY: linear
167 US-09-071-845-443
168
169 Query Match 0.5%; Score 11.8; DB 1; Length 15;
170 Best Local Similarity 60.0%; Pred. No. 2.1e+02;
171 Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
172
173 QY 1170 CAACCTTGGCGTCC 1184
174 |||::: |||:
175 Db 1 CAACUUUACGUCC 15
176
177 RESULT 329
178 US-09-038-073-2081
179 Sequence 2081, Application US/09038073
180 Patent No. 6194150
181 GENERAL INFORMATION:
182 APPLICANT: Stinchcomb, Daniel T.
183 APPLICANT: Jarvis, Thale
184 APPLICANT: McSwiggen, James
185 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
186 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
187 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
188 NUMBER OF SEQUENCES: 2751
189 CORRESPONDENCE ADDRESS:
190 ADDRESSEE: Lyon & Lyon
191 STREET: 633 West Fifth Street
192 STREET: Suite 4700
193 CITY: Los Angeles
194 STATE: California
195 COUNTRY: U.S.A.
196 ZIP: 90071
197 COMPUTER READABLE FORM:
198 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
199 MEDIUM TYPE: storage
200 COMPUTER: IBM Compatible
201 OPERATING SYSTEM: IBM P.C. DOS 5.0
202 SOFTWARE: FastSeq Version 1.5
203 CURRENT APPLICATION DATA:
204 APPLICATION NUMBER: US/09/038,073
205 FILING DATE:
206 PRIOR APPLICATION DATA:
207 APPLICATION NUMBER: 08/585,684
208 FILING DATE:
209 ATTORNEY/AGENT INFORMATION:
210 NAME: Warburg, Richard
211 REGISTRATION NUMBER: 32,327
212 REFERENCE/DOCKET NUMBER: 218/078
213 TELECOMMUNICATION INFORMATION:
214 TELEPHONE: (213) 489-1600
215 TELEFAX: (213) 955-0440
216
217 FILING DATE:
218 CLASSIFICATION:
219 PRIOR APPLICATION DATA:
220 APPLICATION NUMBER: US/08/292,620
221 FILING DATE: August 17, 1994
222 APPLICATION NUMBER: 08/008,895
223 FILING DATE: January 19, 1993
224 APPLICATION NUMBER: 07/989,849
225 FILING DATE: December 7, 1992
226 ATTORNEY/AGENT INFORMATION:
227 NAME: Warburg, Richard J.
228 REGISTRATION NUMBER: 32,327
229 REFERENCE/DOCKET NUMBER: 208/149
230 TELEPHONE: (213) 489-1600
231 TELEFAX: (213) 955-0440
232 TELEX: 67-3510
233 INFORMATION FOR SEQ ID NO: 443:
234 SEQUENCE CHARACTERISTICS:
235 LENGTH: 15 base pairs
236 TYPE: nucleic acid
237 STRANDEDNESS: single
238 TOPOLOGY: linear
239 US-09-071-845-443
240
241 Query Match 0.5%; Score 11.8; DB 1; Length 15;
242 Best Local Similarity 60.0%; Pred. No. 2.1e+02;
243 Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
244
245 QY 1170 CAACCTTGGCGTCC 1184
246 |||::: |||:
247 Db 1 CAACUUUACGUCC 15
248
249 RESULT 329
250 US-09-038-073-2081
251 Sequence 2081, Application US/09038073
252 Patent No. 6194150
253 GENERAL INFORMATION:
254 APPLICANT: Stinchcomb, Daniel T.
255 APPLICANT: Jarvis, Thale
256 APPLICANT: McSwiggen, James
257 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
258 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
259 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
260 NUMBER OF SEQUENCES: 2751
261 CORRESPONDENCE ADDRESS:
262 ADDRESSEE: Lyon & Lyon
263 STREET: 633 West Fifth Street
264 STREET: Suite 4700
265 CITY: Los Angeles
266 STATE: California
267 COUNTRY: U.S.A.
268 ZIP: 90071
269 COMPUTER READABLE FORM:
270 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
271 MEDIUM TYPE: storage
272 COMPUTER: IBM Compatible
273 OPERATING SYSTEM: IBM P.C. DOS 5.0
274 SOFTWARE: FastSeq Version 1.5
275 CURRENT APPLICATION DATA:
276 APPLICATION NUMBER: US/09/038,073
277 FILING DATE:
278 PRIOR APPLICATION DATA:
279 APPLICATION NUMBER: 08/585,684
280 FILING DATE:
281 ATTORNEY/AGENT INFORMATION:
282 NAME: Warburg, Richard
283 REGISTRATION NUMBER: 32,327
284 REFERENCE/DOCKET NUMBER: 218/078
285 TELECOMMUNICATION INFORMATION:
286 TELEPHONE: (213) 489-1600
287 TELEFAX: (213) 955-0440
288
289 FILING DATE:
290 CLASSIFICATION:
291 PRIOR APPLICATION DATA:
292 APPLICATION NUMBER: US/08/292,620
293 FILING DATE: August 17, 1994
294 APPLICATION NUMBER: 08/008,895
295 FILING DATE: January 19, 1993
296 APPLICATION NUMBER: 07/989,849
297 FILING DATE: December 7, 1992
298 ATTORNEY/AGENT INFORMATION:
299 NAME: Warburg, Richard J.
300 REGISTRATION NUMBER: 32,327
30
```

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;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464.011B
; FILING DATE: 05-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-08-464-011B-58

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCCAA 1262
DB 15 CAACCCCAACCCCAA 1

RESULT 332
US-09-474-432B-128/c
; Sequence 128, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,865
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 128
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-128

;
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464.011B
; FILING DATE: 05-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-08-464-011B-58

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCCAA 1262
DB 15 CAACCCCAACCCCAA 1

RESULT 332
US-09-474-432B-128/c
; Sequence 128, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,865
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 128
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-128

;
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-378-535-68

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCCAA 1262
```

```

;
; Query Match 0.5%; Score 11.8; DB 1; Length 15;
; Best Local Similarity 86.7%; Pred. No. 2.1e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1110 CAGTCCCGTGCCCGAG 1124
DB 15 CAGTCCCGTGCCCGAG 1

RESULT 333
US-09-378-535-68/c
; Sequence 68, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-378-535-68

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCCAA 1262
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Db      15  CACCCCAACCCCA 1
| | | | | | | | | |
Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 334
US-09-476-387-128/c
; Sequence 128, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beauty, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 128
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-128

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1110  CAGTCCCGTCCCGCAG 1124
| | | | | | | | | |
Db      15  CAGTCCACTGCCCGAG 1

RESULT 335
US-09-180-437-117/c
; Sequence 117, Application US/09180437
; Patent No. 6251873
; GENERAL INFORMATION:
; APPLICANT: FUKUSAKO, Shioji
; APPLICANT: MORISAWA, Yoshifumi
; APPLICANT: KUSUYAMA, Takeshi
; TITLE OF INVENTION: Antisense Compounds to CD14
; FILE REFERENCE: 1110-209P
; CURRENT APPLICATION NUMBER: US/09/180,437
; CURRENT FILING DATE: 1998-11-06
; EARLIER APPLICATION NUMBER: PCT/JP98/00953
; EARLIER FILING DATE: 1998-03-09
; EARLIER APPLICATION NUMBER: 09-053518 JAPAN
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 117
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:other nucleic
US-09-180-437-117

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1297  CCACAGAGCCTAGAC 1311
| | | | | | | | | |
Db      15  CCCACAGCCTAGAC 1

RESULT 337
US-08-753-147-174/c
; Sequence 174, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
US-08-753-147-174
```

```

; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-08-753-147-174
Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 AGTAACGTGTAGAAA 816
DB 15 ATTAGCTGTAGAAA 1

RESULT 338
US-09-050-159-9
; Sequence 9, Application US/09050159A
; Patent No. 6197505
; GENERAL INFORMATION:
; APPLICANT: No. 6197505berg, Leif T
; APPLICANT: Andersson, Maria K
; APPLICANT: Linstrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050.159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042.930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-9

Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1237 GCCCTCGCCTCCGAC 1251
DB 1 GCCCTCGCCTCTCAC 15

RESULT 339
US-09-479-005A-303
; Sequence 303, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 303
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-303

Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 40.0%; Pred. No. 2.5e+02;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 937 CTCCTCATTTGGTTTA 951
DB 2 CACUUCAUUUUUUUA 16

RESULT 340
PCT-US91-03680-98
; Sequence 98, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8..9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
```



```
/ OTHER INFORMATION: /mod_base= OTHER
/ OTHER INFORMATION:
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: 16
/ OTHER INFORMATION: /mod_base= OTHER
/ OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
/ OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
/ OTHER INFORMATION: ring)"
PCT-US91-03680-98

Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 2.5e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 918 TCTTGCCTTTTATC 932
   ||| :|||:
Db 2 TWTTTMTTWTTC 16

RESULT 341
US-09-866-108A-8355
; Sequence 8355, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yongsang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8355

Query Match 0.5%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1713 GCAAGCAGGAGCTAG 1727
   ||||| |||||
Db 1 GCAAGGAGGAGCTGG 15
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## RESULT 342

```
US-09-236-097-9
; Sequence 9, Application US/09236097
; Patent No. 6335165
; GENERAL INFORMATION:
; APPLICANT: NIR NAVOT ET AL
; TITLE OF INVENTION: METHODS AND KITS FOR CHARACTERIZING GC
; TITLE OF INVENTION: -RICH NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 20001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted to
; SOFTWARE: an ASCII file
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/236,097
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 128/33
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-562553
; TELEFAX: 972-3-562554
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-236-097-9

Query Match 0.5%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 293 TGGTGCTCCTCGAGCTGT 310
   ||||| ||||| |||||
Db 1 TGGTGGTATCGAGGTGT 18

RESULT 343
US-08-804-166-19
; Sequence 19, Application US/08804166
; Patent No. 6193972
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
```

```
; ZIP: 22207
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/804,166
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/011,936
; FILING DATE: 20 February 1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: CAMPBELL-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-804-166-19

Query Match 0.5%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52
Db 3 TGGTGCCTGAGTCTCAG 20

RESULT 344
US-08-910-991-19
; Sequence 19, Application US/08910991
; Patent No. 6194177
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 22207
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,991
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/011,936
; FILING DATE: 20 February 1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
```

```
; ZIP: 22207
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/756,186
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/804,166
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: CAMPBELL-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-756-186-19

Query Match 0.5%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52
Db 3 TGGTGCCTGAGTCTCAG 20

RESULT 345
US-09-756-186-19
; Sequence 19, Application US/09756186
; Patent No. 6863867
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 22207
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/756,186
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/804,166
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: CAMPBELL-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-756-186-19

Query Match 0.5%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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/
/
/ ZIP: 02109-1875
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/683,839B
/ FILING DATE: 11-MARCH-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Remillard, Jane E.
/ REGISTRATION NUMBER: 38,872
/ REFERENCE/DOCKET NUMBER: TTI-138
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)227-5941
/ INFORMATION FOR SEQ ID NO: 15:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-683-839B-15

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGGG 1025
Db 13 CTGAAAAGAGAG 1

RESULT 352
US-08-403-888A-40/c
; Sequence 40, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/403,888A
/ FILING DATE: 12-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/954,185
/ FILING DATE: 29-SEP-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Paul K. Legard
/ REGISTRATION NUMBER: 38,534
/ REFERENCE/DOCKET NUMBER: ISIS-1229
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 56:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-403-888A-56

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCCATCCCAA 1262
Db 13 ACCCCACCCCAA 1

RESULT 354
US-08-403-888A-115/c
; Sequence 115, Application US/08403888A
; Patent No. 5952490
```

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; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-115

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCAA 1262
DB 13 ACCCATCCCCAA 1

RESULT 355
US-08-535-249-102/c
; Sequence 102, Application US/08535249
; Patent No. 6455859
; GENERAL INFORMATION:
; APPLICANT: Schlengersiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlengersiepen, Karl-Hermann
; APPLICANT: Schlengersiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: DNA (genomic)
; MOLECULE TYPE: YES
; ANTI-SENSE: YES
; US-08-535-249-102

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1143 CTCGACCTATACC 1155
DB 13 CTCGACATATACC 1

RESULT 356
5214136-8/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO: 8
; LENGTH: 14
; 5214136-8

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAGAGGGGG 1027
DB 13 GAAAAGAGAGGG 1

RESULT 357
5214136-11/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO: 11
; LENGTH: 14
; 5214136-11
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Query Match 0.5%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 2.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1015 GAAAAAGAGGGG 1027  
| | | | | | | | | |  
Db 13 GAAAAAGAGAGGG 1  
RESULT 358  
5214136-16/c  
; Patent No. 5214136  
; APPLICANT: LIN, KURI-YING; MATTEUCCI, MARK  
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES  
; OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 18  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/482,941  
; FILING DATE: 20-FEB-1990  
; SEQ ID NO:16:  
; LENGTH: 14  
5214136-16  
Query Match 0.5%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 2.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1015 GAAAAAGAGGGG 1027  
| | | | | | | | | |  
Db 13 GAAAAAGAGAGGG 1  
RESULT 359  
5486603-1/c  
; Patent No. 5486603  
; APPLICANT: BUHR, CHRIS A.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE HAVING ENHANCED BINDING  
; AFFINITY  
; NUMBER OF SEQUENCES: 2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/902,538  
; FILING DATE: 22-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 461,884  
; FILING DATE: 08-JAN-1990  
; SEQ ID NO:1:  
; LENGTH: 14  
5486603-1  
Query Match 0.5%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 2.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1017 AAAAGAGGGGAG 1029  
| | | | | | | | | |  
Db 14 AAAAGAGAGGGAG 2  
RESULT 360  
5486603-2  
; Patent No. 5486603  
; APPLICANT: BUHR, CHRIS A.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE HAVING ENHANCED BINDING  
; AFFINITY  
; NUMBER OF SEQUENCES: 2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/902,538  
; FILING DATE: 22-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 461,884  
; FILING DATE: 08-JAN-1990  
; SEQ ID NO:2:  
; LENGTH: 14

5486603-2  
Query Match 0.5%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 2.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1017 AAAAGAGGGGAG 1029  
| | | | | | | | | |  
Db 1 AAAAGAGAGGGAG 13  
RESULT 361  
US-08-140-797-3/c  
; Sequence 3, Application US/08140797  
; Patent No. 5578714  
; GENERAL INFORMATION:  
; APPLICANT: POGO, Angel Oscar; Chaudhuri, Asok  
; TITLE OF INVENTION: THE CLONING OF DUFFY BLOOD GROUP ANTIGEN  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sprung Horn Kramer & Woods  
; STREET: 660 White Plains Road  
; CITY: Tarrytown  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10591-5144  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 800 kb storage  
; COMPUTER: Apple Macintosh  
; OPERATING SYSTEM: System 7.0  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/140,797  
; FILING DATE: October 21, 1993  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kurt G. Briscoe  
; REGISTRATION NUMBER: 33,141  
; REFERENCE/DOCKET NUMBER: NYBC 265-KGB  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (914) 332-1700  
; TELEFAX: (914) 332-1844  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-140-797-3  
Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 882 CACCACAGTGTG 894  
| | | | | | | | | |  
Db 15 CACCACATGTGTG 3  
RESULT 362  
US-08-311-760A-77  
; Sequence 77, Application US/08311760A  
; Patent No. 559706  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

```
/ TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
/ TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
/ NUMBER OF SEQUENCES: 392
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ STATE: Los Angeles
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/311,760A
/ FILING DATE: September 23, 1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/155
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 77:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-311-760A-77

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATT 945
Db 2 CAUCCUCUUAU 14

RESULT 363
US-08-311-760A-78
/ Sequence 78, Application US/08311760A
/ Patent No. 5599706
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Newton, Roger S.
/ APPLICANT: Rambarack, Randy
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
/ TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
/ TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
/ TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
/ TITLE OF INVENTION:
/ NUMBER OF SEQUENCES: 392
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ STATE: Los Angeles
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
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/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/311,760A
/ FILING DATE: September 23, 1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/155
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 78:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-311-760A-78

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGG 947
Db 2 UCCUCUCUAUUG 14

RESULT 364
US-08-291-932A-224
/ Sequence 224, Application US/08291932A
/ Patent No. 5658780
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth G.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: NF-KB
/ NUMBER OF SEQUENCES: 830
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ STATE: Los Angeles
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/291,932A
/ FILING DATE: August 15, 1994
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 07/987,132

Two
```



; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 224:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-291-932A-224

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 76.9%; Pred. No. 2.6e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1027 GAGCTTGAAGGAA 1039  
|||||:|||||  
Db 3 GAGCUUGUAGGAA 15

RESULT 365  
US-08-486-670A-3/c  
; Sequence 3, Application US/08486670A  
; Patent No. 5683696  
; GENERAL INFORMATION:  
; APPLICANT: POSO, Angel Oscar; Chaudhuri, Asok  
; TITLE OF INVENTION: THE CLONING OF DUFFY BLOOD GROUP ANTIGEN  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sprung Horn Kramer & Woods  
; STREET: 660 White Plains Road  
; CITY: Tarrytown  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10591-5144  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 800 kb storage  
; COMPUTER: Apple Macintosh  
; OPERATING SYSTEM: System 7.0  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/486,670A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/140,797  
; FILING DATE: October 21, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kurt G. Briscoe  
; REGISTRATION NUMBER: 33,141  
; REFERENCE/DOCKET NUMBER: NYBC 265-KGS  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (914) 332-1700  
; TELEFAX: (914) 332-1844  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-486-670A-3

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 882 CACCACAGTGCTG 894

Db 15 CACCACATGCTG 3  
|||||:|||||

RESULT 366  
US-08-363-240A-559/c  
; Sequence 559, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:  
; APPLICANT: Couture, Larry  
; APPLICANT: McSwiggen, James  
; APPLICANT: Bisgaier, Charles  
; APPLICANT: Pape, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
; TITLE OF INVENTION: OF VASCULAR DISEASES  
; NUMBER OF SEQUENCES: 1243  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,240A  
; FILING DATE: December 23, 1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 210/096  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 559:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-363-240A-559

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCCAACCCCC 1267  
|||||:|||||

Db 14 ATGCCCAACCCCC 2

RESULT 367  
US-08-591-989-7  
; Sequence 7, Application US/08591989  
; Patent No. 5795721  
; GENERAL INFORMATION:  
; APPLICANT: Ross S. Rabin, Sumedha Jayasena  
; APPLICANT: and Larry Gold  
; TITLE OF INVENTION: HIGH AFFINITY NUCLEIC  
; TITLE OF INVENTION: ACID LIGANDS OF ICPA  
; NUMBER OF SEQUENCES: 87

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Swanson & Bratschun, L.L.C.  
; STREET: 8400 East Prentice Avenue, Suite #200  
; CITY: Englewood  
; STATE: Colorado  
; COUNTRY: USA  
; ZIP: 80111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 1.40 MB  
; MEDIUM TYPE: storage  
; COMPUTER: IBM COMPATIBLE  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: WORD PERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/591,989  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Barry J. Swanson  
; REGISTRATION NUMBER: 33,215  
; REFERENCE/DOCKET NUMBER: NEX 49  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (303) 793-3333  
; TELEFAX: (303) 793-3433  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-591-989-7

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1277 GGGAGGACAGCGC 1289  
DB 1 GGGAGGACAGTGC 13

RESULT 368  
US-08-292-620A-83  
; Sequence 83, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wardburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 83:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-292-620A-83

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 76.9%; Pred. No. 2.6e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CCCAGTTCACCT 1132  
DB 1 CCCAGGUCCACCU 13

RESULT 369  
US-08-585-684B-19  
; Sequence 19, Application US/08585684B  
; Patent No. 5877021  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/585,684B  
; FILING DATE: January 16, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/000,951  
; FILING DATE: July 7, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wardburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440

```

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-6848-19
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 806 ACTGTAAGAAAG 818
Db 3 ACUGAAGAGAG 15

RESULT 370
US-08-774-310-77
; Sequence 77, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-310-77
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATTGG 947
Db 2 UCCUCUUAUUG 14

RESULT 372
US-08-477-553A-3/c
; Sequence 3, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
```

```

Qy 933 CCTCCTCTTCATT 945
Db 2 CAUCCUCUUAUUG 14

RESULT 371
US-08-774-310-78
; Sequence 78, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-310-78
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATTGG 947
Db 2 UCCUCUUAUUG 14

RESULT 372
US-08-477-553A-3/c
; Sequence 3, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
```



```
/
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 83:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-09-071-845-83
/
/ Query Match 0.5%; Score 11.4; DB 1; Length 15;
/ Best Local Similarity 76.9%; Pred. No. 2.6e+02;
/ Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
/
/ Qy 1120 CCCAGTTCACCT 1132
/ Db 1 CCCAGGUCCACCU 13
/
/ RESULT 376
/ US-08-929-856-57/c
/ Sequence 57, Application US/08929856
/ Patent No. 6136568
/ GENERAL INFORMATION:
/ APPLICANT: Hiatt, Andrew
/ APPLICANT: Rose, Floyd
/ TITLE OF INVENTION: DE NOVO POLYNUCLEOTIDE SYNTHESIS USING
/ TITLE OF INVENTION: ROLLING TEMPLATES
/ NUMBER OF SEQUENCES: 190
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: LERNER, DAVID, LITTENBERG, KRUMHOLZ &
/ ADDRESSEE: MENTILIK
/ STREET: 600 South, Avenue West
/ CITY: Westfield
/
/
/
/ APPLICANT: New Jersey
/ COUNTRY: USA
/ ZIP: 07090
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/929,856
/ FILING DATE: 15-SEP-1997
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Foley, Shawn P.
/ REGISTRATION NUMBER: 33,071
/ REFERENCE/DOCKET NUMBER: ROSE 3.0-057
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 908-654-5000
/ TELEFAX: 908-654-7866
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/
/ US-08-929-856-57
/
/ Query Match 0.5%; Score 11.4; DB 1; Length 15;
/ Best Local Similarity 92.3%; Pred. No. 2.6e+02;
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/
/ Qy 931 TCCCTCTCTTCA 943
/ Db 15 TGCCTCTCTTCA 3
/
/ RESULT 377
/ US-09-503-804-8/c
/ Sequence 8, Application US/09503804
/ Patent No. 6166196
/ GENERAL INFORMATION:
/ APPLICANT: McMillian, Ray A.
/ APPLICANT: Fort, Thomas L.
/ APPLICANT: Hellyer, Tobin J.
/ APPLICANT: You, Qimin
/ TITLE OF INVENTION: Amplification and Detection of Campylobacter jejuni and
/ TITLE OF INVENTION: Campylobacter coli.
/ FILE REFERENCE: C. jejuni and C. coli Application
/ CURRENT APPLICATION NUMBER: US/09/503,804
/ CURRENT FILING DATE: 2000-02-14
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 8
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Bumper for SDA
/ OTHER INFORMATION: for C. jejuni and C. coli
/
/ US-09-503-804-8
/
/ Query Match 0.5%; Score 11.4; DB 1; Length 15;
/ Best Local Similarity 92.3%; Pred. No. 2.6e+02;
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/
/ Qy 1140 CAGCTCCACCTAT 1152
/ Db 14 CAGCTACACCTAT 2
/
/ RESULT 378
/ US-09-038-073-19
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; Sequence 19, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-19

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 806 ACTGTAAGAAAG 818
Db 3 ACUGAAGAGAG 15

RESULT 379
US-09-081-646-842/c
; Sequence 842, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzier, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
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; SEQ ID NO 842
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-842

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1249 GACCCCATCCCA 1261
Db 15 GACCCCATCCCA 3

RESULT 380
US-08-584-040-8433/c
; Sequence 8433, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8433

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1164 CTGTCCCACTTT 1176
Db 1164 CTGTCCCACTTT 1176
```



```
5214136-4/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:4:
; LENGTH: 15
5214136-4
Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | |
Db 14 GAAAAAGAGAGG 2

RESULT 386
5214136-17/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:17:
; LENGTH: 15
5214136-17
Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | |
Db 13 GAAAAAGAGAGG 1

RESULT 387
5214136-18/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:18:
; LENGTH: 15
5214136-18
Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | |
Db 13 GAAAAAGAGAGG 1

RESULT 388
US-09-068-195-7
; Sequence 7, Application US/09068195B
; Patent No. 6140078
; GENERAL INFORMATION:
; APPLICANT: Sanders, Jan W.
; APPLICANT: Ledebner, Adrianus M.
; APPLICANT: Venema, Gerard
; APPLICANT: Kok, Jan
; TITLE OF INVENTION: Salt-Inducible Promoter Derivable from a Lactic Acid
; Bacterium, and Its Use in a Lactic Acid Bacterium for
; Production of Desired Protein
; FILE REFERENCE: Sanders-60113/0252227
; CURRENT APPLICATION NUMBER: US/09/068,195B
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: PCT/EP97/04755
; EARLIER FILING DATE: 1997-08-20
; EARLIER APPLICATION NUMBER: EP 97200744/7
; EARLIER FILING DATE: 1997-03-13
; EARLIER APPLICATION NUMBER: EP 96202444/4
; EARLIER FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer NS3-9
; NAME/KEY: primer bind
; LOCATION: (1)..(16)
US-09-068-195-7
Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1161 TGACTGTCCCAAC 1173
| | | | | | | | | |
Db 4 TGACTGACCCCAAC 16

RESULT 389
US-09-043-816E-29/c
; Sequence 29, Application US/09043816E
; Patent No. 6414128
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; APPLICANT: Willson, Tracy
; APPLICANT: Nicola, Nicos A.
; APPLICANT: Gainsford, Timothy
; APPLICANT: Alexander, Warren S.
; APPLICANT: Metcalf, Donald
; APPLICANT: Ng, Ashley
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES
; FILE REFERENCE: 11268
; CURRENT APPLICATION NUMBER: US/09/043,816E
; CURRENT FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 29
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-043-816E-29
Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1009 ACACCTGAAAG 1021
| | | | | | | | | |
Db 14 ACACCTGAAAG 2
```



```
RESULT 390
US-09-043-816E-40/c
; Sequence 40, Application US/09043816E
; Patent No. 6414128
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; APPLICANT: Willson, Tracy
; APPLICANT: Nicola, Nicos A.
; APPLICANT: Gainsford, Timothy
; APPLICANT: Alexander, Warren S.
; APPLICANT: Metcalf, Donald
; APPLICANT: Ng, Ashley
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES
; TITLE OF INVENTION: ENCODING SAME
; FILE REFERENCE: 11268
; CURRENT APPLICATION NUMBER: US/09/043,816E
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-043-816E-40

Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1010 CACCTGAAAAAGA 1022
Db 13 CATCTGAAAAAGA 1

RESULT 391
US-09-371-772B-7032
; Sequence 7032, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7032
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7032

Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 76.9%; Pred. No. 3.2e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 754 ACCTGCATCGAG 766
Db 2 ACCUGACAUGCAG 14
```

```
RESULT 392
PCT-US91-03680-96
; Sequence 96, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
; OTHER INFORMATION: ring)"
PCT-US91-03680-96

Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 80.0%; Pred. No. 3.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 918 TCTTTGCTTTTATC 932
      |||||:|||||
Db 2 TCTTTTCTTTTCTC 16

RESULT 393
5214136-6/c
;PATENT NO. 5214136
;APPLICANT: LIN, KUEI-YING;MATTEUCCI, MARK
;TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
;OLIGONUCLEOTIDES
;NUMBER OF SEQUENCES: 18
;CURRENT APPLICATION DATA:
;APPLICATION NUMBER: US/07/482,941
;FILING DATE: 20-FEB-1990
;SEQ ID NO:6:
;LENGTH: 16
5214136-6

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
      |||||:|||||
Db 14 GAAAAAGAGGGG 2

RESULT 394
5214136-14/c
;PATENT NO. 5214136
;APPLICANT: LIN, KUEI-YING;MATTEUCCI, MARK
;TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
;OLIGONUCLEOTIDES
;NUMBER OF SEQUENCES: 18
;CURRENT APPLICATION DATA:
;APPLICATION NUMBER: US/07/482,941
;FILING DATE: 20-FEB-1990
;SEQ ID NO:14:
;LENGTH: 16
5214136-14

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
      |||||:|||||
Db 14 GAAAAAGAGGGG 2

RESULT 395
US-08-747-562-2
;Sequence 2, Application US/08747562
;Patent No. 6579697
;GENERAL INFORMATION:
;APPLICANT: WALLACH, David
;APPLICANT: BOLDIN, Mark
;APPLICANT: METT, Igor
;APPLICANT: VARFOLOEV, Eugene
;TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
;TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
;NUMBER OF SEQUENCES: 37
;CORRESPONDENCE ADDRESS:
;ADDRESSES: BROWDY AND NEIMARK
;STREET: 419 Seventh Street, N.W., Suite 300
;CITY: Washington
;STATE: D.C.
;COUNTRY: USA
;ZIP: 20004
;COMPUTER READABLE FORM:
;MEDIUM TYPE: Floppy disk
;COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/747,562
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05854
FILING DATE: 11-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 109,632
FILING DATE: 11-MAY-1994
APPLICATION NUMBER: IL 111,125
FILING DATE: 02-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=15A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-747-562-2

Query Match 0.5%; Score 11.4; DB 1; Length 28;
Best Local Similarity 71.4%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1827 COTGGGCTCAAGAGCGCTGAGT 1847
      |||||:|||||
Db 4 COTCGACTGTGTGCTGAGT 24

RESULT 396
US-09-050-159-9/c
;Sequence 9, Application US/09050159A
;Patent No. 6197505
;GENERAL INFORMATION:
;APPLICANT: No. 6197505berg, Leif T
;APPLICANT: Andersson, Maria K
;APPLICANT: Linstrom, Per H
;TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
;TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
;FILE REFERENCE: 1248/1D042
;CURRENT APPLICATION NUMBER: US/09/050,159A
;CURRENT FILING DATE: 1998-03-27
;EARLIER APPLICATION NUMBER: 60/042,930
;EARLIER FILING DATE: 1987-04-03
;NUMBER OF SEQ ID NOS: 133
;SOFTWARE: Patentin Ver. 2.1
;SEQ ID NO 9
;LENGTH: 16
;TYPE: DNA
;ORGANISM: Artificial Sequence
;FEATURE:
;OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-9

Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 AGTGAGAGCCATAGC 247
      |||||:|||||
Db 16 AGTGAGAGCGGAGGGC 1

RESULT 397
```

```

US-08-152-313-32
; Sequence 32, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidarsky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; NUMBER OF SEQUENCES: 128
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..16
US-08-152-313-32

```

```

Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 1086 AGGCTTACCCCCACC 1101
Db 1 AGGCGCTACCCCCACC 16

```

```

RESULT 398
US-07-971-978-10/c
; Sequence 10, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 5614617is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 6-aza-thymidine substitution
US-07-971-978-10
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1002 GAATCGACACCTGAA 1017
Db 16 GAACGGACACCTGGA 1

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```

RESULT 399
US-07-971-978-11/c
; Sequence 11, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 5614617ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia

```

```
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/971,978
FILING DATE: February 18, 1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/558,806
FILING DATE: July 27, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0333
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: 6-aza-thymidine substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: 6-aza-thymidine substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: 6-aza-thymidine substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: 6-aza-thymidine substitution;
OTHER INFORMATION: P of the phosphodiester bond is
OTHER INFORMATION: replaced by an S
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: 6-aza-thymidine substitution;
OTHER INFORMATION: P of the phosphodiester bond is
OTHER INFORMATION: replaced by an S
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: 6-aza-thymidine substitution;
OTHER INFORMATION: P of the phosphodiester bond is
OTHER INFORMATION: replaced by an S
US-07-971-978-11
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAA 1017
DB 16 GAAACGGACACCTGGA 1

RESULT 400
US-07-971-978-40/c
; Sequence 40, Application US/07971978
; APPLICANT: Cook and Sanghvi
```

```
Patent No. 5614617
GENERAL INFORMATION:
APPLICANT: Cook and Sanghvi
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
Modified Oligonucleotides that Detect and Modulate
Gene Expression
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
ADDRESSEE: No. 5614617is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/971,978
FILING DATE: February 18, 1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/558,806
FILING DATE: July 27, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0333
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
US-07-971-978-40
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAA 1017
DB 16 GAAACGGACACCTGGA 1

RESULT 401
US-07-971-978-46/c
; Sequence 46, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
```

```

; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; APPLICATION NUMBER: 33,307
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
US-07-971-978-46
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1002 GAAATCGACACCTGAA 1017
Db 16 GAAACGGACACCTGGA 1

RESULT 402
US-07-971-978-64/c
; Sequence 64, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; APPLICATION NUMBER: 33,307
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
US-07-971-978-64
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1002 GAAATCGACACCTGAA 1017
Db 16 GAAACGGACACCTGGA 1

RESULT 403
US-08-196-538-30/c
; Sequence 30, Application US/08196538
; Patent No. 5639608
; GENERAL INFORMATION:
; APPLICANT: Stanley Tabor
; APPLICANT: Charles C. Richardson
; TITLE OF INVENTION: USE OF SHORT OLIGONUCLEOTIDES AS PRIMERS
; TITLE OF INVENTION: FOR DNA SEQUENCING
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

```

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; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; APPLICATION NUMBER: 33,307
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
US-07-971-978-64
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1002 GAAATCGACACCTGAA 1017
Db 16 GAAACGGACACCTGGA 1

RESULT 403
US-08-196-538-30/c
; Sequence 30, Application US/08196538
; Patent No. 5639608
; GENERAL INFORMATION:
; APPLICANT: Stanley Tabor
; APPLICANT: Charles C. Richardson
; TITLE OF INVENTION: USE OF SHORT OLIGONUCLEOTIDES AS PRIMERS
; TITLE OF INVENTION: FOR DNA SEQUENCING
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

```

STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/196,538  
FILING DATE: February 14, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/985,468  
FILING DATE: December 13, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 206/090  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-196-538-30  
Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1065 CCCAAGCTTCAGTCC 1080  
DB 16 CCCAAGCTTCAGACC 1  
RESULT 404  
US-08-579-223-32  
Sequence 32, Application US/08579223  
Patent No. 5726019  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
ANALYSIS OF SPUTUM  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/579,223  
FILING DATE: 28-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: PD-2912  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..16  
US-08-579-223-32  
Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1086 AGGCTTCACCCACC 1101  
DB 1 AGGCGCTACCCACC 16  
RESULT 405  
US-08-426-807-7/c  
Sequence 7, Application US/08426807  
Patent No. 5750673  
GENERAL INFORMATION:  
APPLICANT: Martin, Pierre  
TITLE OF INVENTION: Nucleosides and oligonucleotides  
having 2'-ether groups  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Ciba-Geigy Corporation/Patent Dept.  
STREET: 520 White Plains Rd.  
CITY: Tarrytown  
STATE: NY  
COUNTRY: USA  
ZIP: 10591-9005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: diskette-3.5 inch, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII Text Editor  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/426,807  
FILING DATE: 20-APR-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Mansfield, Kevin T.  
REGISTRATION NUMBER: 31,635  
REFERENCE/DOCKET NUMBER: FL/64-19923/A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 914-785-7127  
TELEFAX: 914-785-7102  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"  
ANTI-SENSE: YES  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 13  
OTHER INFORMATION: /note= "modified sugar"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 14

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; OTHER INFORMATION: /note= "modified sugar"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 15
; OTHER INFORMATION: /note= "modified sugar"
US-08-426-807-7
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1002 GAAATGACACCTTGAA 1017
||||| ||||| |||||
Db 16 GAAACGACACCTGGA 1

RESULT 406
US-08-419-414-13
; Sequence 13, Application US/08419414
; Patent No. 5753787
; GENERAL INFORMATION:
; APPLICANT: Hawdon, John M.
; APPLICANT: Hotez, Peter J.
; APPLICANT: Jones, Brian F.
; TITLE OF INVENTION: Hookworm Vaccine
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patrea L. Pabst
; STREET: 2800 One Atlantic Center
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30309-3450
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/419,414
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: YU113
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 873-8795
; TELEFAX: (404) 873-8795
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA primer"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-419-414-13
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1290 CCACAAGCCACAGAGC 1305
||||| ||||| |||||
Db 1 CCACACGCGGAGAGC 16

RESULT 407
US-08-282-197C-25/c
; Sequence 25, Application US/08282197C
; Patent No. 5871730
; GENERAL INFORMATION:
; APPLICANT: Brzezinski, Ryszard
; APPLICANT: Dery, Claude V
; APPLICANT: Beaulieu, Carole
; TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
; METHODS OF USE
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/282,197C
; FILING DATE: 29-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Cimbala, Michele A
; REGISTRATION NUMBER: 33,851
; REFERENCE/DOCKET NUMBER: 1050.0410000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2540
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-282-197C-25
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1228 CTTGCGACAGCCTCG 1243
||||| ||||| |||||
Db 16 CATGCGCACCCCTCG 1

RESULT 408
US-08-459-434-10/c
; Sequence 10, Application US/08459434
; Patent No. 5969116
; GENERAL INFORMATION:
; APPLICANT: Martin, Pierre
; TITLE OF INVENTION: Nucleosides and oligonucleotides having
; 2'-ether groups
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5969116artis Corporation
; STREET: 59 Route 10
; CITY: East Hanover
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07936-1080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,434
; FILING DATE: 02-JUN-1995
```

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; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 1467/93-4
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/241,213
; FILING DATE: 10-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide
; DESCRIPTION: comprising a modified sugar"
US-08-459-434-10

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GAAATCGACACTGAA 1017
DB 16 GAAACGGACACCTGGA 1

RESULT 409
US-08-850-961-5
; Sequence 5, Application US/08850961
; Patent No. 6013517
; GENERAL INFORMATION:
; APPLICANT: Respass, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4 / 1147.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 1467/93-4
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/241,213
; FILING DATE: 10-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide
; DESCRIPTION: comprising a modified sugar"
US-08-459-434-10

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GAAATCGACACTGAA 1017
DB 16 GAAACGGACACCTGGA 1

RESULT 409
US-08-850-961-5
; Sequence 5, Application US/08850961
; Patent No. 6013517
; GENERAL INFORMATION:
; APPLICANT: Respass, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4 / 1147.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-850-961-5

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1056 GGCCCCCAACCCAGC 1071
DB 1 GGCGCCAAACCTAAAC 16

RESULT 410
US-09-270-542-186
; Sequence 186, Application US/09270542
; Patent No. 6322976
; GENERAL INFORMATION:
; APPLICANT: Aitman, Timothy
; APPLICANT: Scott, James
; APPLICANT: Stanton, Lawrence
; TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
; TITLE OF INVENTION: Therapy
; FILE REFERENCE: 4198/78179
; CURRENT APPLICATION NUMBER: US/09/270,542
; CURRENT FILING DATE: 1999-03-17
; EARLIER APPLICATION NUMBER: 09/221,222
; EARLIER FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 186
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-270-542-186

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 936 CCTCTTCATTGGTTTA 951
DB 1 CCTATCTTTGGCTTA 16

RESULT 411
US-09-479-776-5
; Sequence 5, Application US/09479776
; Patent No. 6333195
; GENERAL INFORMATION:
; APPLICANT: Respass, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; STREET: CHIRON CORPORATION
; ADDRESS: INTELLECTUAL PROPERTY-R440
; P.O. BOX 8097
; CITY: EMERYVILLE
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4 / 1147.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
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; APPLICATION NUMBER: US/09/479,776
; FILING DATE: 07-Jan-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: KRUSE, NORMAN J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)622-4900
; TELEFAX: (206)682-6031
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-479-776-5

Query Match          0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1056 GGCCCAACCCCAAGC 1071
Db 1 GGCCCAACCCCAAGC 16

RESULT 412
US-08-801-308-4
; Sequence 4, Application US/08801308
; Patent No. 6368790
; GENERAL INFORMATION:
; APPLICANT: Scott, Robert E.
; TITLE OF INVENTION: CDNA ENCODING P2P PROTEINS AND USE OF
; TITLE OF INVENTION: P2P CDNA-DERIVED ANTIBODIES AND ANTISENSE REAGENTS IN
; TITLE OF INVENTION: DETERMINING THE PROLIFERATIVE POTENTIAL OF NORMAL,
; TITLE OF INVENTION: ABNORMAL AND CANCER CELLS IN ANIMALS AND HUMANS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Weiser & Associates, P.C.
; STREET: 230 S. Fifteenth Street, Suite 500
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/801,308
; FILING DATE: 18-FEB-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Weiser, Gerard J.
; REGISTRATION NUMBER: 19,763
; REFERENCE/DOCKET NUMBER: 372.6435P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-875-8383
; TELEFAX: 215-875-8394
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-801-308-4

Query Match          0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1043 CTACTAGCCCTGGC 1058
Db 1 CTACTAGCCATGGC 16

RESULT 413
US-09-328-174A-15
; Sequence 15, Application US/09328174A
; Patent No. 6448003
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kurth, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; TITLE OF INVENTION: (STP2)
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/09/328,174A
; CURRENT FILING DATE: 1999-06-08
; PRIOR FILING DATE: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 16
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-15

Query Match          0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 GACTCAGGCACACAG 889
Db 1 GACTCAGGCACAGGAG 16

RESULT 414
US-09-371-772B-6029/c
; Sequence 6029, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions i
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6029
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6029

Query Match          0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAA 1017
Db 16 GAAATCAACATGAA 1


```

RESULT 415  
US-09-479-005A-176/c  
; Sequence 176, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MEHB00-884-C  
; CURRENT APPLICATION NUMBER: US/09/479,005A  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 176  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-176  
Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 937 CTCCTCATGTTGTTAA 952  
| | | | | | | | | | | | | | | | | | | | | |  
Db 16 CACTTCATGTTTAA 1  
RESULT 416  
US-09-753-943D-15/c  
; Sequence 15, Application US/09753943D  
; Patent No. 6670468  
; GENERAL INFORMATION:  
; APPLICANT: Cuenoud, Bernard  
; APPLICANT: Altman, Karl-Heinz  
; APPLICANT: Martin, Pierre  
; APPLICANT: Moser, Heinz Ernst  
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives  
; FILE REFERENCE: 4-20890B/C1  
; CURRENT APPLICATION NUMBER: US/09/753,943D  
; CURRENT FILING DATE: 2001-01-03  
; PRIOR APPLICATION NUMBER: 09/194,844  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: PCT/EP97/02738  
; PRIOR FILING DATE: 1998-05-27  
; PRIOR APPLICATION NUMBER: Switzerland 1432/96  
; PRIOR FILING DATE: 1996-06-06  
; NUMBER OF SEQ ID NOS: 22  
; SEQ ID NO 15  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthesized  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 13-15  
; OTHER INFORMATION: 2'-substituted sugar  
US-09-753-943D-15  
Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1002 GAAATCGACACTGAA 1017  
| | | | | | | | | | | | | | | | | | | | | |  
Db 16 GAAACGGACACTGGA 1

RESULT 417  
PCT-US94-12947A-32  
; Sequence 32, Application PC/TUS9412947A  
; GENERAL INFORMATION:  
; APPLICANT: The Johns Hopkins University School of Medicine  
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
; FILE REFERENCE: ANALYSIS OF SPUTUM  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/12947A  
; FILING DATE: 10-NOV-1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hail, Ph.D., Lisa A.  
; REGISTRATION NUMBER: P-38,347  
; REFERENCE/DOCKET NUMBER: FD-2912  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 455-5100  
; TELEFAX: (619) 455-5110  
; INFORMATION FOR SEQ ID NO: 32:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..16  
PCT-US94-12947A-32  
Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1086 AGGCTTCACCCACC 1101  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 AGGCGTACCCACC 16  
RESULT 418  
US-09-106-038A-66  
; Sequence 66, Application US/09106038A  
; Patent No. 6007995  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker and Lex M. Coweart  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
; FILE REFERENCE: EXPRESSION  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Isis Pharmaceuticals, Inc.  
; STREET: 2292 Paraday Avenue  
; CITY: Carlsbad  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92008  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows NT

```
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-106-038A-66
Query Match 0.5%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 301 CTGGAGCTGTGGTGG 316
Db 3 CTGGAGGTGAAGGTGG 18

RESULT 419
US-09-205-144-36/c
; Sequence 36, Application US/09205144
; Patent No. 5958771
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRESSION
; FILE REFERENCE: RTS-0021
; CURRENT APPLICATION NUMBER: US/09/205.144
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-144-36
Query Match 0.5%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 GAGAGGAGGGAGAGA 89
Db 18 GGAAGAGGAGAGAGA 3

RESULT 420
US-08-529-190B-13/c
; Sequence 13, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA

US-08-529-190B-13
Query Match 0.5%; Score 11.2; DB 1; Length 24;
Best Local Similarity 81.2%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 301 CTGGAGCTGTGGTGG 316
Db 18 CTGGAGGTGCGGTGG 3

RESULT 421
US-08-529-190B-5
; Sequence 5, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529.190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE9501324-9
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/522,595
; FILING DATE: 01-SEP-1995

US-08-529-190B-13
Query Match 0.5%; Score 11.2; DB 1; Length 24;
Best Local Similarity 81.2%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 301 CTGGAGCTGTGGTGG 316
Db 18 CTGGAGGTGCGGTGG 3

RESULT 421
US-08-529-190B-5
; Sequence 5, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529.190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE9501324-9
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/522,595
; FILING DATE: 01-SEP-1995
```

ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen A  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3255/53015  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-529-1908-5

Query Match 0.5%; Score 11.2; DB 1; Length 24;  
Best Local Similarity 81.2%; Pred. No. 7.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 302 TGGAGCTGTGGTGGG 317  
Db 6 TGGAGCTGGAGGTGCG 21

RESULT 422  
US-08-050-319B-55  
; Sequence 55, Application US/08050319B  
; Patent No. 5633145  
; GENERAL INFORMATION:  
; APPLICANT: M.Feldmann, P.W. Gray,  
; APPLICANT: M.J.C. Turner, F.M. Brennan  
; TITLE OF INVENTION: Modified human TNFalpha (Tumor  
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Reed & Robbins  
; STREET: 635 Bryant Street  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/050,319B  
; FILING DATE: 10-May-1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robbins, Roberta L.  
; REGISTRATION NUMBER: 33,208  
; REFERENCE/DOCKET NUMBER: 5150-0030  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 617-8999  
; TELEFAX: (415) 327-3231  
; INFORMATION FOR SEQ ID NO: 55:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-050-319B-55

Query Match 0.5%; Score 11; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 748 GTGTGCACCTG 758  
Db 1 GTGTGCACCTG 11

Db 1 GTGTGCACCTG 11

RESULT 423  
US-08-465-982-55  
; Sequence 55, Application US/08465982  
; Patent No. 5863786  
; GENERAL INFORMATION:  
; APPLICANT: M.Feldmann, P.W. Gray,  
; APPLICANT: M.J.C. Turner, F.M. Brennan  
; TITLE OF INVENTION: Modified human TNFalpha (Tumor  
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Reed & Robbins  
; STREET: 635 Bryant Street  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/465,982  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/050,319  
; FILING DATE: 10-May-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robbins, Roberta L.  
; REGISTRATION NUMBER: 33,208  
; REFERENCE/DOCKET NUMBER: 5150-0030  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 617-8999  
; TELEFAX: (415) 327-3231  
; INFORMATION FOR SEQ ID NO: 55:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-465-982-55

Query Match 0.5%; Score 11; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 748 GTGTGCACCTG 758  
Db 1 GTGTGCACCTG 11

RESULT 424  
US-08-487-761-8  
; Sequence 8, Application US/08487761  
; Patent No. 621866  
; GENERAL INFORMATION:  
; APPLICANT: Schlensing, Joseph  
; APPLICANT: Givol, David  
; APPLICANT: Bellot, Françoise  
; APPLICANT: Kris, Richard  
; APPLICANT: Ricca, George A.  
; APPLICANT: Cheadle, Christopher  
; APPLICANT: Souich, Victoria J.  
; TITLE OF INVENTION: Monoclonal Antibodies Specific to Human  
; TITLE OF INVENTION: Epidermal Growth Factor Receptor and Therapeutic Methods  
; NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.1
SOFTWARE: Word 5.0 (Patentin)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,761
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/086,411
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0207C-US
TELEPHONE: (215) 454-3817
TELEFAX: (215) 454-3808
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-487-761-8

Query Match 0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 759 CCATGCAGGTT 769
Db 2 CCATGCAGGTT 12

RESULT 425
US-08-442-513A-6
Sequence 6, Application US/08442513A
Patent No. 5646031
GENERAL INFORMATION:
APPLICANT: DeYoung, Mary Beth
APPLICANT: Siwkowski, Andrew M.
APPLICANT: Hampel, Arnold E.
TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5646031thwestern Hwy., Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,513A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.

CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.1
SOFTWARE: Word 5.0 (Patentin)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,761
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/086,411
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0207C-US
TELEPHONE: (215) 454-3817
TELEFAX: (215) 454-3808
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-487-761-8

Query Match 0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 759 CCATGCAGGTT 769
Db 2 CCATGCAGGTT 12

RESULT 425
US-08-442-513A-6
Sequence 6, Application US/08442513A
Patent No. 5646031
GENERAL INFORMATION:
APPLICANT: DeYoung, Mary Beth
APPLICANT: Siwkowski, Andrew M.
APPLICANT: Hampel, Arnold E.
TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5646031thwestern Hwy., Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,513A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.

REGISTRATION NUMBER: 30,995
REFERENCE/DOCKET NUMBER: 2384.00014
TELEPHONE: (810) 539-5050
TELEFAX: (810) 539-5055
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-6

Query Match 0.5%; Score 11; DB 1; Length 14;
Best Local Similarity 63.6%; Pred. No. 2.7e+02;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 886 ACATGCTGTT 896
Db 3 ACAGUCUGUU 13

RESULT 426
US-08-465-590-104
Sequence 104, Application US/08465590
Patent No. 5824770
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 STATE STREET, Suite 510
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Ascii (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,590
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,212
FILING DATE: 02-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/121,438
FILING DATE: 14-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Paul L.
REGISTRATION NUMBER: 35,695
REFERENCE/DOCKET NUMBER: MPG-006C2DV
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-465-590-104

Query Match 0.5%; Score 11; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282  
DB 3 GAAGTGGGAGG 13

## RESULT 427

US-08-711-417C-104  
; Sequence 104, Application US/08711417C  
; Patent No. 6228611  
; GENERAL INFORMATION:

APPLICANT: Georgopoulos, Katia A.  
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE  
NUMBER OF SEQUENCES: 202

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA

COUNTRY: USA

ZIP: 02110-2804

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FastSEQ for Windows Version 2.0b

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/711,417C

FILING DATE: 05-Sep-1996

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/238,212

FILING DATE: 02-MAY-1994

APPLICATION NUMBER: 08/121,438

FILING DATE: 14-SEP-1993

APPLICATION NUMBER: 07/946,233

FILING DATE: 14-SEP-1992

## ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis P.

REGISTRATION NUMBER: 35,965

REFERENCE/DOCKET NUMBER: 10287/007001

## TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

TELEX: 200154

## INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 104:

US-08-711-417C-104

Query Match 0.5%; Score 11; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282  
DB 3 GAAGTGGGAGG 13

## RESULT 428

US-09-723-909-104  
; Sequence 104, Application US/09723909  
; Patent No. 6630141  
; GENERAL INFORMATION:

APPLICANT: Georgopoulos, Katia A.

TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE

NUMBER OF SEQUENCES: 202

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FastSEQ for Windows Version 2.0b

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/723,909

FILING DATE: 28-No. 6630141-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/711,417

FILING DATE: 05-Sep-1996

APPLICATION NUMBER: 08/238,212

FILING DATE: 02-MAY-1994

APPLICATION NUMBER: 08/121,438

FILING DATE: 14-SEP-1993

APPLICATION NUMBER: 07/946,233

FILING DATE: 14-SEP-1992

## ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis P.

REGISTRATION NUMBER: 35,965

REFERENCE/DOCKET NUMBER: 10287/007001

## TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

TELEX: 200154

## INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 104:

US-09-723-909-104

Query Match 0.5%; Score 11; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282  
DB 3 GAAGTGGGAGG 13

## RESULT 429

PCT-US93-08743-104

; Sequence 104, Application PC/TUS9308743

; GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE

NUMBER OF SEQUENCES: 152

COMPUTER READABLE FORM: disk

MEDIUM TYPE: Floppy

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/08743

PRIOR APPLICATION DATA: US 946,233

APPLICATION NUMBER: US 946,233

FILING DATE: 14-SEP-1992

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:

; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
PCT-US93-08743-104

Query Match 0.5%; Score 11; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282  
|||||  
Db 3 GAAGTGGGAGG 13

## RESULT 430

US-07-860-925-24/c  
; Sequence 24, Application US/07850925  
; Patent No. 5457189

; GENERAL INFORMATION:  
; APPLICANT: Crooke, Stanley T., Mirabelli,

; APPLICANT: Christopher K., Ecker, David J., Cowseert, Lex M.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE

; TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS  
; NUMBER OF SEQUENCES: 30

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: WOODCOCK WASHBURN KURTZ

; ADDRESSEE: MACKIEWICZ & NORRIS  
; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia  
; STATE: Pennsylvania

; COUNTRY: USA  
; ZIP: 19103

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb

; MEDIUM TYPE: STORAGE  
; COMPUTER: IBM PS/2

; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/860,925

; FILING DATE: March 31, 1992  
; CLASSIFICATION:

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US90/07067

; FILING DATE: December 3, 1990  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 445,195  
; FILING DATE: December 4, 1989

; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata, Esquire

; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0285

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 24:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15

; TYPE: nucleic acid  
; STRANDEDNESS: single

; TOPOLOGY: linear  
; ANTI-SENSE: yes

US-07-860-925-24

Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1159 GGTGACTGTCC 1169  
|||||  
Db 11 GGTGACTGTCC 1

## RESULT 431

US-08-311-760A-183/c

; Sequence 183, Application US/08311760A

; Patent No. 5599706

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: McSwiggen, James

; APPLICANT: Newton, Roger S.

; APPLICANT: Ramharack, Randy

; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY

; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN

; NUMBER OF SEQUENCES: 392

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/311,760A

; FILING DATE: September 23, 1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/155

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 183:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-311-760A-183

Query Match 0.5%; Score 11; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 811 AAGAAAAGCCT 821

|||||

Db 13 AAGAAAAGCCT 3

## RESULT 432

US-08-311-760A-184/c

; Sequence 184, Application US/08311760A

; Patent No. 5599706

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: McSwiggen, James

; APPLICANT: Newton, Roger S.

; APPLICANT: Ramharack, Randy

; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

;; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
;; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
;; TITLE OF INVENTION:  
;; NUMBER OF SEQUENCES: 392  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSEQ Version 1.5  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/311,760A  
;; FILING DATE: September 23, 1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/155  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 184:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-311-760A-184

Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821  
|||  
Db 13 AAGAAAAGCCT 3

RESULT 433  
US-08-311-760A-185/c  
; Sequence 185, Application US/08311760A  
; Patent No. 5599706  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; TITLE OF INVENTION:  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSEQ Version 1.5  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/311,760A  
;; FILING DATE: September 23, 1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/155  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 185:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-311-760A-185

Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821  
|||  
Db 12 AAGAAAAGCCT 2

RESULT 434  
US-08-311-760A-186/c  
; Sequence 186, Application US/08311760A  
; Patent No. 5599706  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; TITLE OF INVENTION:  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,760A  
; FILING DATE: September 23, 1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard



```
/
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/155
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 186:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-311-760A-186

Query Match      0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      811 AAGAAAAGCCT 821
DB      11 AAGAAAAGCCT 1

RESULT 435
US-08-319-492B-144/c
; Sequence 144, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Skinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

Query Match      0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      854 AAGATGTTAAG 864
DB      15 AAGATGTTAAG 5

RESULT 436
US-08-334-215-24/c
; Sequence 24, Application US/08334215
; Patent No. 5681944
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T., Mirabelli,
; APPLICANT: Christopher K., Ecker, David J., Cowseert, Lex M.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WOODCOCK WASHBURN KURTZ
; ADDRESSEE: MACKLEWICZ & NORRIS
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,215
; FILING DATE: 04-NOV-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 860,925
; FILING DATE: March 31, 1992
; APPLICATION NUMBER: PCT/US90/07067
; FILING DATE: December 3, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 445,195
; FILING DATE: December 4, 1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata, Esquire
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0285
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-334-215-24

Query Match      0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1159 GGTGACTGTCC 1169
DB      11 GGTGACTGTCC 1
```

RESULT 437  
US-08-774-310-183/c  
; Sequence 183, Application US/08774310  
; Patent No. 5877022  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/774,310  
; FILING DATE: December 23, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/311,760  
; FILING DATE: September 23, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 223/229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 183:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-774-310-183  
Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821  
Db 13 AAGAAAAGCCT 3

RESULT 438  
US-08-774-310-184/c  
; Sequence 184, Application US/08774310  
; Patent No. 5877022  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN

; TITLE OF INVENTION:  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/774,310  
; FILING DATE: December 23, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/311,760  
; FILING DATE: September 23, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 223/229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 184:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-774-310-184  
Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821  
Db 13 AAGAAAAGCCT 3

RESULT 439  
US-08-774-310-185/c  
; Sequence 185, Application US/08774310  
; Patent No. 5877022  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage

```
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774.310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 185:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-310-185

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

;
; QY 811 AAGAAAAGCCT 821
; | | | | |
; Db 12 AAGAAAAGCCT 2

RESULT 440
US-08-774-310-186/c
; Sequence 186, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774.310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
```

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 186:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-310-186

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

;
; QY 811 AAGAAAAGCCT 821
; | | | | |
; Db 11 AAGAAAAGCCT 1

RESULT 441
5182195-60
; Patent No. 5182195
; APPLICANT: NAKAHAMA, KAZUO;KAISHO, YOSHIHIKO;YOSHIMURA, KOJI
; TITLE OF INVENTION: METHOD FOR INCREASING USING PROTEASE
; DEFICIENT YEASTS
; NUMBER OF SEQUENCES: 71
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/269,140
; FILING DATE: 09-NOV-1998
; SEQ ID NO:60:
; LENGTH: 15
; 5182195-60

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

;
; QY 732 GGAGAAACAGA 742
; | | | | |
; Db 2 GGAGAAACAGA 12

RESULT 442
US-09-422-978-7262
; Sequence 7262, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
; US-09-422-978-7262
```

```
Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 107 TGATCTCTATGCCGAGTC 125
DB 1 TGTCTCAGTCGCCCTTGTG 19

RESULT 443
US-08-303-004-21
; Sequence 21, Application US/08303004
; Patent No. 5556955
; GENERAL INFORMATION:
; APPLICANT: Vergnaud, Gilles
; TITLE OF INVENTION: Process for Detection of New Polymor-
; TITLE OF INVENTION: phic Loci in an ADN Sequence, Nucleotide Sequences Forming
; TITLE OF INVENTION: Hybridisation Probes and Their Biological Applications
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESS: Oliff & Herridge
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/303,004
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/931,311B
; FILING DATE: 19920818
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6400
; TELEX: 90-1799 PTO ALEX
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-303-004-21

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1013 CTGAAAGAGCGGG 1026
DB 1 CTGAAACGATGGG 14

RESULT 444
US-08-442-513A-17
; Sequence 17, Application US/08442513A
; Patent No. 5646031
; GENERAL INFORMATION:
; APPLICANT: DeYoung, Mary Beth
; APPLICANT: Siwkowski, Andrew M.
```

```
; APPLICANT: Hampel, Arnold E.
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-17

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 57.1%; Pred. No. 3.1e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTGTG 897
DB 1 CCGCAGACUGUG 14

RESULT 445
US-08-173-489C-324/C
; Sequence 324, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 324:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from M.
; DESCRIPTION: paratuberculosis 16s region in Seq ID No. 5861244323
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 324 :FROM 1 TO 14
US-08-173-489C-324

Query Match      0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 GAAGAAGAGCGGGA 1028
      ||| ||||| |||
Db      14 GAAGAAGAGCGGGA 1

RESULT 446
US-08-985-162-1842
; Sequence 1842, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
```

```
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1842:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-1842

Query Match      0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1232 CGACAGCCCTCGCC 1245
      ||||| |||
Db      1 CGACAGCCCTCGCC 14

RESULT 447
US-08-913-833-89/c
; Sequence 89, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-913-833-89

Query Match      0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 793 GTCTCTGTAGTAA 806  
 ||||| |||||  
 Db 14 GTCTGTGTAGTAA 1

## RESULT 448

US-08-913-833-129  
 ; Sequence 129, Application US/08913833  
 ; Patent No. 6087093  
 ; GENERAL INFORMATION:  
 ; APPLICANT: STUYVER, LIEVEN  
 ; APPLICANT: LOUWAGIE, JOOST  
 ; APPLICANT: ROSSAU, RUDI  
 ; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
 ; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
 ; NUMBER OF SEQUENCES: 164  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: ARNOLD, WHITE & DURKEE  
 ; STREET: P.O. BOX 4433  
 ; CITY: HOUSTON  
 ; STATE: TEXAS  
 ; COUNTRY: USA  
 ; ZIP: 77210-4433  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/913,833  
 ; FILING DATE: 15 Sep 1997  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/EP97/00211  
 ; FILING DATE: 17 Jan 1997  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: EP 96870005.4  
 ; FILING DATE: 26 Jan 1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: EP 96870081.5  
 ; FILING DATE: 25 Jun 1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: KAMMERER, PATRICIA A.  
 ; REGISTRATION NUMBER: 29,775  
 ; REFERENCE/DOCKET NUMBER: INNS:008  
 ; INFORMATION FOR SEQ ID NO: 129:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; US-08-913-833-129

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
 Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1212 GGGGGCTGACCCCA 1225  
 ||||| |||||  
 Db 1 GGGGGCTTACCACA 14

## RESULT 449

US-08-765-340-101/c  
 ; Sequence 101, Application US/08765340  
 ; Patent No. 6150092  
 ; GENERAL INFORMATION:  
 ; APPLICANT: UCHIDA, K.,  
 ; APPLICANT: UCHIDA, T.,  
 ; APPLICANT: TANAKA, Y.,  
 ; APPLICANT: MATSUDA, Y.,

; APPLICANT: KONDO, S.  
 ; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
 ; TITLE OF INVENTION: COMPOUND  
 ; NUMBER OF SEQUENCES: 185  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
 ; STREET: 345 PARK AVENUE  
 ; CITY: NEW YORK  
 ; STATE: NEW YORK  
 ; COUNTRY: USA  
 ; ZIP: 10154  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version  
 ; SOFTWARE: #1.30 (EPO)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/765,340  
 ; FILING DATE: 23-DEC-1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: JP 145146/94  
 ; FILING DATE: 27-JUN-1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: JP 311130/94  
 ; FILING DATE: 21-NOV-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: SERUNIAN, LESLIE  
 ; REGISTRATION NUMBER: 35,353  
 ; REFERENCE/DOCKET NUMBER: 1452-4005  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (212) 758-4800  
 ; TELEFAX: (212) 751-6849  
 ; INFORMATION FOR SEQ ID NO: 101:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; DESCRIPTION: /desc = "synthetic DNA"  
 ; US-08-765-340-101

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
 Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1243 GCCTCCGACCCCAT 1256  
 ||||| |||||  
 Db 14 GCCTCCGAACCAT 1

## RESULT 450

US-08-793-660B-22/c  
 ; Sequence 22, Application US/08793660B  
 ; Patent No. 6214614  
 ; GENERAL INFORMATION:  
 ; APPLICANT: MULLER, ROLF  
 ; TITLE OF INVENTION: CELL CYCLE REGULATED REPRESSOR  
 ; TITLE OF INVENTION: AND DNA ELEMENT  
 ; NUMBER OF SEQUENCES: 25  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP  
 ; STREET: 130 Water Street  
 ; CITY: Boston  
 ; STATE: MA  
 ; COUNTRY: USA  
 ; ZIP: 02109  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/793,660B
; FILING DATE: 09-SEP-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 96/06943
; FILING DATE: 07-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 95/06466
; FILING DATE: 29-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 94/117366
; FILING DATE: 26-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lowen, Cara Z.
; REGISTRATION NUMBER: 38,227
; REFERENCE/DOCKET NUMBER: 47211
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-793-660B-22

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1227 CCTTCCGACAGCCC 1240
DB 14 CCTTCCGACAGCCC 1

RESULT 451
US-09-580-794C-89/C
; Sequence 89, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Roseau, Rudi
; APPLICANT: Louwagie, Joost
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: TRANSCRIPTASE GENE
; CURRENT APPLICATION NUMBER: US/09/580,794C
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; TITLE OF INVENTION: CATALYTIC NUCLEIC ACID AND ITS MEDICAL USE
; FILE REFERENCE: ASHER=2
; CURRENT FILING DATE: 1999-02-25
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 89
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-89

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCTCTGTAGTAA 806
DB 14 GTCTCTGTAGTAA 806

RESULT 452
US-09-580-794C-129
; Sequence 129, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Roseau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: TRANSCRIPTASE GENE
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 968700081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 129
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-129

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225
DB 1 GGGGGCTTACCACA 14

RESULT 453
US-09-257-503A-5
; Sequence 5, Application US/09257503A
; Patent No. 6387617
; GENERAL INFORMATION:
; APPLICANT: ASHER, Nathan
; APPLICANT: TIROCHINSKY, Yaron
; APPLICANT: ELLINGTON, Andy
; TITLE OF INVENTION: CATALYTIC NUCLEIC ACID AND ITS MEDICAL USE
; FILE REFERENCE: ASHER=2
; CURRENT APPLICATION NUMBER: US/09/257,503A
; CURRENT FILING DATE: 1999-02-25
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: PCT/IL97/00282
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: IL119135
; PRIOR FILING DATE: 1996-08-26
; PRIOR APPLICATION NUMBER: IL120466
; PRIOR FILING DATE: 1997-03-17
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Humanus
US-09-257-503A-5

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 3.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```

DB 14 GTCTCTGTAGTAA 1

RESULT 452
US-09-580-794C-129
; Sequence 129, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Roseau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: TRANSCRIPTASE GENE
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 968700081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 129
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-129

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225
DB 1 GGGGGCTTACCACA 14

RESULT 453
US-09-257-503A-5
; Sequence 5, Application US/09257503A
; Patent No. 6387617
; GENERAL INFORMATION:
; APPLICANT: ASHER, Nathan
; APPLICANT: TIROCHINSKY, Yaron
; APPLICANT: ELLINGTON, Andy
; TITLE OF INVENTION: CATALYTIC NUCLEIC ACID AND ITS MEDICAL USE
; FILE REFERENCE: ASHER=2
; CURRENT APPLICATION NUMBER: US/09/257,503A
; CURRENT FILING DATE: 1999-02-25
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: PCT/IL97/00282
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: IL119135
; PRIOR FILING DATE: 1996-08-26
; PRIOR APPLICATION NUMBER: IL120466
; PRIOR FILING DATE: 1997-03-17
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Humanus
US-09-257-503A-5

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 3.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
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QY 1214 GGGCTGACCCCATC 1227  
 ||| : ||| : |  
 Db 1 GGGGUGACCCGAUC 14

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1  RESULT 454
2  US-09-4401-063-1842
3  ; Sequence 1842, Application US/09401063
4  ; Patent No. 6633962
5  ;
6  ; GENERAL INFORMATION:
7  ;
8  ; APPLICANT: Akhtar, Saghir
9  ; APPLICANT: Fell, Patricia
10 ; APPLICANT: McSwiggen, James
11 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID SEQUENCING
12 ; TITLE OF INVENTION: OF DISEASES OR DISORDERS
13 ; TITLE OF INVENTION: TO LEVELS OF EXPRESSION OF A GENE
14 ; TITLE OF INVENTION: FACTOR RECEPTOR
15 ; NUMBER OF SEQUENCES: 1877
16 ;
17 ; CORRESPONDENCE ADDRESS:
18 ;
19 ; ADDRESSER: Lyon & Lyon
20 ; STREET: 633 West Fifth Street
21 ; STREET: Suite 4700
22 ; CITY: Los Angeles
23 ; STATE: California
24 ; COUNTRY: U.S.A.
25 ;
26 ; ZIP: 90071-2066
27 ;
28 ; COMPUTER READABLE FORM:
29 ; MEDIUM TYPE: 3.5" Diskette, 1.44
30 ; MEDIUM TYPE: storage
31 ; COMPUTER: IBM Compatible
32 ; OPERATING SYSTEM: IBM P.C. DOS 5
33 ; SOFTWARE: FastSeq for Windows 2.
34 ; CURRENT APPLICATION DATA:
35 ; APPLICATION NUMBER: US/09/401.06
36 ; FILING DATE:

```

```
Query Match      0.5%   Score 10.8; DB 1; Length 14;
Best Local Similarity 78.6%; Pred.No. 3.le+o2;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

RESULT 455  
52:19727-63  
; Patent No. 5219727  
; APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.  
; TITLE OF INVENTION: QUANTITATION OF NUCLEIC ACIDS USING THE  
; POLYMERASE CHAIN REACTION

```

; NUMBER OF SEQUENCES: 64
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/413,623
; FILING DATE: 28-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 396,986
; FILING DATE: 21-AUG-1989
; SEQ ID NO:63:
; LENGTH: 14
5213727-63

```

Query Match	0.5%	Score 10.8	DB 1	Length 14
Best Local Similarity	85.7%	Pred. No. 3.1e+02		
Matches 12	Conservative	0	Mismatches 2	Indels 0
				Gaps 0

RESULT 456  
 US-09-054-832-37  
 ; Sequence 37, Application US/09054832  
 ; Patent No. 6312894  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Meyer, Rich  
 ; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND  
 ; TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES  
 ; TITLE OF INVENTION: CONUGATED TO MINOR GROOVE BINDERS  
 ; NUMBER OF SEQUENCES: 40  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORRISON & FOERSTER  
 ; STREET: 755 PAGE MILL ROAD  
 ; CITY: PALO ALTO  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304-1018  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: Windows  
 ; SOFTWARE: FastSeq for Windows Version 2.0b  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/054,832  
 ; FILING DATE:

```

Query Match      0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+03;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1970 TTTTGTGTTTGTGTTT 1983
      |||||
Db 1 TTTGTGTTACTGTTT 14

```



```
RESULT 457
US-09-640-953-37
; Sequence 37, Application US/09640953
; Patent No. 6492346
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/640,953
; FILING DATE: 16-AUG-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE: 03-APR-1998
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-640-953-37

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1970 TTTGTTTGTGTTT 1983
Db 1 TTTGTTACTGTTT 14

RESULT 458
US-07-905-040-1/c
; Sequence 1, Application US/07905040
; Patent No. 5256542
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen
; TITLE OF INVENTION: Method for selecting low frequency antigen-specific single B
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/021,619
; FILING DATE: 19930217
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/905,040
; FILING DATE: 26 JUN 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/848,249
; FILING DATE: 03/09/1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX92-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
```

```
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/905,040
; FILING DATE: 19920628
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/848,249
; FILING DATE: 03/09/1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX92-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Single stranded
; TOPOLOGY: Linear
; US-07-905-040-1

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCACGCTCCACCT 1150
Db 15 CACCAGCTGCACCT 2

RESULT 459
US-08-021-619-1/c
; Sequence 1, Application US/08021619
; Patent No. 5326696
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen
; TITLE OF INVENTION: Method for selecting low frequency
; antigen-specific single B lymphocytes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/021,619
; FILING DATE: 19930217
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/905,040
; FILING DATE: 26 JUN 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/848,249
; FILING DATE: 03/09/1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX92-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
```

```
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 nucleotides
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: Single stranded
/ TOPOLOGY: Linear
US-08-021-619-1

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCAGCTCACCT 1150
Db 15 CACCAGCTGCACCT 2

RESULT 460
US-08-142-785-7
; Sequence 7, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; NUCLEIC ACID
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-142-785-8

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 462
US-08-142-785-9/c
; Sequence 9, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; NUCLEIC ACID
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-142-785-7

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 461
US-08-142-785-8
; Sequence 8, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
```

```

; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-142-785-9
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
|||||
Db 15 AAAAAGAGAGAGAG 2

RESULT 463
US-08-142-785-10/c
; Sequence 10, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; APPLICANT: CAO, XIAODONG
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(11, "")
; OTHER INFORMATION: /note= "This position is thymidine
; OTHER INFORMATION: with a 3'-allyl ether substitute linkage."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(13, "")
; OTHER INFORMATION: /note= "This position is thymidine
; OTHER INFORMATION: with a 3'-allyl ether substitute linkage."
; US-08-142-785-11
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
|||||
Db 15 AAAAAGAGAGAGAG 2

RESULT 465
US-08-142-785-12/c
; Sequence 12, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:

```

```

; APPLICANT: MATTEUCCI, MARK D.
; APPLICANT: CAO, XIAODONG
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 189.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(11, "")
; OTHER INFORMATION: /note= "This position is thymidine
; OTHER INFORMATION: with a 3'-propylether substitute linkage."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(13, "")
; OTHER INFORMATION: /note= "This position is thymidine
; OTHER INFORMATION: with a 3'-propylether substitute linkage."
;
; US-08-142-785-12
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1016 AAAAAGAGGGGAG 1029
; DB 15 AAAAAGAGAGAGAG 2
;
; RESULT 466
; US-08-142-785-13/c
; Sequence 13, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:

```

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(11, "")
; OTHER INFORMATION: /note= "This position is thymidine
; OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(13, "")
; OTHER INFORMATION: /note= "This position is thymidine
; OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
;
; US-08-142-785-13
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1016 AAAAAGAGGGGAG 1029
; DB 15 AAAAAGAGAGAGAG 2
;
; RESULT 467
; US-07-799-824-1/c
; Sequence 1, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "T corresponds to thymine
; OTHER INFORMATION: and C corresponds to 5-methylcytosine."
US-07-799-824-1

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 468
US-07-799-824-2/c
; Sequence 2, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "U corresponds to
; OTHER INFORMATION: 5-propynyl uracil, T corresponds to thymine and C
; OTHER INFORMATION: corresponds to 5-methylcytosine."
US-07-799-824-3

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 470
US-07-799-824-5/c
; Sequence 5, Application US/07799824
; Patent No. 5484908
```

```

; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 2
; OTHER INFORMATION: /note= "C corresponds to
; OTHER INFORMATION: 5-propynylcytosine."
US-07-799-824-5

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 471
US-07-799-824-6
; Sequence 6, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MEDIUM TYPE: Floppy disk

```

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-799-824-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 472
US-07-799-824-7/c
; Sequence 7, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear

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US-07-799-824-7
Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 473
US-07-799-824-8/c
; Sequence 8, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: /note= "U corresponds to bdu."
US-07-799-824-8

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 474
US-07-799-824-9/c
; Sequence 9, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: /note= "U corresponds to bdu."
US-07-799-824-9

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 475
US-07-874-334-15/c
; Sequence 15, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOPHORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
US-07-799-824-9
```

```
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/874,334
;; FILING DATE: 19920424
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MURASHIGE, KATE H.
;; REGISTRATION NUMBER: 29,959
;; REFERENCE/DOCKET NUMBER: 24610-20005.24
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 813-5600
;; TELEFAX: (415) 494-0792
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(1..2, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(2, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(3..4, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(4, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(5..6, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(6, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(7..8, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(8, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(9..10, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(10, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(11..12, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: -OCH2O- neutral linkage."
;;
```

```
;;
;; NAME/KEY: misc_difference
;; LOCATION: replace(13..14, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: -OCH2O- neutral linkage."
;; US-07-874-334-15
;;
;; Query Match 0.5%; Score 10.8; DB 1; Length 15;
;; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
;; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;;
;; QY 1016 AAAAGAGGGGAG 1029
;; |||||
;; DB 15 AAAAGAGAGAGAG 2
;;
;; RESULT 476
;; US-07-874-334-16/c
;; Sequence 16, Application US/07874334
;; Patent No. 5495009
;; GENERAL INFORMATION:
;; APPLICANT: MATTEUCCI, MARK
;; APPLICANT: JONES, BOB
;; APPLICANT: LIN, KUEI-YING
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
;; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
;; NUMBER OF SEQUENCES: 18
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: MORRISON & FORSTER
;; STREET: 755 Page Mill Road
;; CITY: Palo Alto
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94304-1018
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/874,334
;; FILING DATE: 19920424
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MURASHIGE, KATE H.
;; REGISTRATION NUMBER: 29,959
;; REFERENCE/DOCKET NUMBER: 24610-20005.24
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 813-5600
;; TELEFAX: (415) 494-0792
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 16:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(1..2, "")
;; OTHER INFORMATION: /note= "This position indicates a
;; OTHER INFORMATION: diester linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(3..4, "")
;; OTHER INFORMATION: /note= "This position indicates a
;; OTHER INFORMATION: diester linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(5..6, "")
;; OTHER INFORMATION: /note= "This position indicates a
;; OTHER INFORMATION: diester linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(11..12, "")
;; OTHER INFORMATION: /note= "This position indicates a
;; OTHER INFORMATION: diester linkage."
;;
```



```

; NAME/KEY: misc_difference
; LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(9..10, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(11..12, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
;
US-07-874-334-16

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
DB 15 AAAAAGAGAGAG 2

RESULT 477
US-07-874-334-17/c
; Sequence 17, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
```

```

; LOCATION: replace(1..2, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(3..4, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(5..6, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(9..10, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(11..12, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
;
US-07-874-334-17

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
DB 15 AAAAAGAGAGAG 2

RESULT 478
US-07-874-334-18/c
; Sequence 18, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
```

```

1 / REGISTRATION NUMBER: 29,959
2 / REFERENCE/DOCKET NUMBER: 24610-20005.24
3 / TELECOMMUNICATION INFORMATION:
4 / TELEPHONE: (415) 813-5600
5 / TELEFAX: (415) 494-0792
6 / TELEX: 706141
7 / INFORMATION FOR SEQ ID NO: 18:
8 / SEQUENCE CHARACTERISTICS:
9 / LENGTH: 15 base pairs
10 / TYPE: NUCLEIC ACID
11 / STRANDEDNESS: single
12 / TOPOLOGY: linear
13 / FEATURE:
14 / NAME/KEY: misc difference
15 / LOCATION: replace(1..2, "")
16 / OTHER INFORMATION: /note= "This position indicates a
17 / OTHER INFORMATION: thioformacetal linkage."
18 / FEATURE:
19 / NAME/KEY: misc difference
20 / LOCATION: replace(3..4, "")
21 / OTHER INFORMATION: /note= "This position indicates a
22 / OTHER INFORMATION: thioformacetal linkage."
23 / FEATURE:
24 / NAME/KEY: misc difference
25 / LOCATION: replace(5..6, "")
26 / OTHER INFORMATION: /note= "This position indicates a
27 / OTHER INFORMATION: thioformacetal linkage."
28 / FEATURE:
29 / NAME/KEY: misc difference
30 / LOCATION: replace(7..8, "")
31 / OTHER INFORMATION: /note= "This position indicates a
32 / OTHER INFORMATION: thioformacetal linkage."
33 / FEATURE:
34 / NAME/KEY: misc difference
35 / LOCATION: replace(9..10, "")
36 / OTHER INFORMATION: /note= "This position indicates a
37 / OTHER INFORMATION: thioformacetal linkage."
38 / FEATURE:
39 / NAME/KEY: misc difference
40 / LOCATION: replace(11..12, "")
41 / OTHER INFORMATION: /note= "This position indicates a
42 / OTHER INFORMATION: thioformacetal linkage."
43 / FEATURE:
44 / NAME/KEY: misc difference
45 / LOCATION: replace(13..14, "")
46 / OTHER INFORMATION: /note= "This position indicates a
47 / OTHER INFORMATION: thioformacetal linkage."
48 / US-07-874-334-18
49 / Query Match 0.5%; Score 10.8; DB 1; Length 15;
50 / Best Local Similarity 85.7%; Pred. No. 3.7e+02;
51 / Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
52 /
53 / QY 1016 AAAAAGAGGGGAG 1029
54 / ||||| |
55 / Db 15 AAAAAGAGAGAG 2
56 /
57 / RESULT 479
58 / US-08-031-147A-36/c
59 / Sequence 36, Application US/08031147A
60 / Patent No. 5514577
61 / GENERAL INFORMATION:
62 / APPLICANT: Draper et al.
63 / TITLE OF INVENTION: Oligonucleotide Therapies for
64 / MODIFICATION: Modulating the Effects of Herpesviruses
65 / NUMBER OF SEQUENCES: 57
66 / CORRESPONDENCE ADDRESS:
67 / ADDRESSEE: Woodcock Washburn Kurtz
68 / ADDRESS: Mackiewicz & No. 5514577ris
69 / STREET: One Liberty Place - 46th Floor
70 / CITY: Philadelphia
71 / STATE: PA
72 /
73 / COUNTRY: USA
74 / ZIP: 19103
75 / COMPUTER READABLE FORM:
76 / MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
77 / OPERATING SYSTEM: PC-DOS
78 / SOFTWARE: WORDPERFECT 5.1
79 / CURRENT APPLICATION DATA:
80 / APPLICATION NUMBER: US/08/031.147A
81 / FILING DATE: March 12, 1993
82 / CLASSIFICATION: 514
83 / PRIOR APPLICATION DATA:
84 / APPLICATION NUMBER: 485,297
85 / FILING DATE: February 26, 1990
86 / PRIOR APPLICATION DATA:
87 / APPLICATION NUMBER: 852,132
88 / FILING DATE: April 28, 1992
89 / PRIOR APPLICATION DATA:
90 / APPLICATION NUMBER: 954,185
91 / FILING DATE: September 29, 1992
92 / ATTORNEY/AGENT INFORMATION:
93 / NAME: Jane Massey Licata
94 / REGISTRATION NUMBER: 32,257
95 / REFERENCE/DOCKET NUMBER: ISIS-0469
96 / TELECOMMUNICATION INFORMATION:
97 / TELEPHONE: (215) 568-3100
98 / TELEFAX: (215) 568-3439
99 / INFORMATION FOR SEQ ID NO: 36:
100 / SEQUENCE CHARACTERISTICS:
101 / LENGTH: 15
102 / TYPE: nucleic acid
103 / STRANDEDNESS: single
104 / TOPOLOGY: linear
105 / ANTI-SENSE: yes
106 / US-08-031-147A-36
107 / Query Match 0.5%; Score 10.8; DB 1; Length 15;
108 / Best Local Similarity 85.7%; Pred. No. 3.7e+02;
109 / Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
110 /
111 / QY 1257 CCCCAACCCCTTC 1270
112 / ||||| |
113 / Db 15 CCCCAACCCCGTC 2
114 /
115 / RESULT 480
116 / US-07-906-930E-8/c
117 / Sequence 8, Application US/07906930E
118 / Patent No. 5534631
119 / GENERAL INFORMATION:
120 / APPLICANT: Gaynor, Richard B.
121 / APPLICANT: Nirula, Ajay
122 / APPLICANT: Li, Ching
123 / TITLE OF INVENTION: DNA ENCODING THE INTERLEUKIN BINDING
124 / FACTOR (ILF)
125 / NUMBER OF SEQUENCES: 33
126 / CORRESPONDENCE ADDRESS:
127 / ADDRESSEE: Arnold, White & Durkee
128 / STREET: P. O. Box 4433
129 / CITY: Houston
130 / STATE: Texas
131 / COUNTRY: USA
132 / ZIP: 77210
133 / COMPUTER READABLE FORM:
134 / MEDIUM TYPE: Floppy disk
135 / COMPUTER: IBM PC compatible
136 / OPERATING SYSTEM: PC-DOS/MS-DOS
137 / SOFTWARE: Patentin Release #1.0, Version #1.30
138 / CURRENT APPLICATION DATA:
139 / APPLICATION NUMBER: US/07/906,930E
140 / FILING DATE: 30-JUN-1992
141 / CLASSIFICATION: 536
142 / ATTORNEY/AGENT INFORMATION:

```

NAME: Sertich, Gary J.  
REGISTRATION NUMBER: 34,430  
REFERENCE/DOCKET NUMBER: UTSD:262/SER  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512-418-3000  
TELEFAX: 512-474-7577  
TELEX: NOT APPLICABLE  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-07-906-9308-8

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGG 947  
Db 14 CTCCTCTTCATTGG 1

RESULT 481  
US-08-182-968A-278  
Sequence 278, Application US/08182968A  
Patent No. 5610054  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING HEPATITIS C  
NUMBER OF SEQUENCES: 497  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/182,968A  
FILING DATE: 13-JANUARY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/882,888  
FILING DATE: 14-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 205/277  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 278:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-182-968A-278

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;  
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACC 885  
Db 2 AGGGCUCAGGCCUC 15

RESULT 482  
US-08-182-968A-363/c  
Sequence 363, Application US/08182968A  
Patent No. 5610054  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING HEPATITIS C  
NUMBER OF SEQUENCES: 497  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/182,968A  
FILING DATE: 13-JANUARY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/882,888  
FILING DATE: 14-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 205/277  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 363:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-182-968A-363

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGGCTGACCCC 1224  
Db 14 AGGGGGGAGACCCC 1

RESULT 483  
US-07-976-103A-6  
Sequence 6, Application US/07976103A  
Patent No. 5645985  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.

```

; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TYPE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-976-103A-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGGAG 1029
DB 1 AAAAGAGAGAGAG 14

RESULT 484
US-07-976-103A-12
; Sequence 12, Application US/07976103A
; Patent No 5645985
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TYPE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A

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Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029  
Db 15 AAAAAGAGAGAG 2

RESULT 486  
US-07-976-103A-49  
; Sequence 49, Application US/07976103A  
; Patent No. 5645985  
; GENERAL INFORMATION:  
; APPLICANT: FROHLER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDJO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94040  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/976,103A  
; FILING DATE: 25-NOV-1992  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 162.3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 573-4712  
; TELEFAX: (415) 573-4899  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 49:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-07-976-103A-49

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029  
Db 1 AAAAAGAGAGAG 14

RESULT 487  
US-08-291-932A-10/c  
; Sequence 10, Application US/08291932A  
; Patent No. 5658780  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California

; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-291-932A-10

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 731 AGGAGAACAGAC 744  
Db 14 AGGGAGACAGATC 1

RESULT 488  
US-08-291-932A-124/c  
; Sequence 124, Application US/08291932A  
; Patent No. 5658780  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California

/ COUNTRY: U.S.A.  
/ ZIP: 90071-2066  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/291,932A  
/ FILING DATE: August 15, 1994  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA: including application  
/ PRIOR APPLICATION DATA: described below:  
/ APPLICATION NUMBER: 08/245,466  
/ FILING DATE: May 18, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard J.  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 208/157  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 124:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 15 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-291-932A-124

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1275 GTGGAGGACGCG 1288  
Db 15 GTGAGAGGACAGG 2

RESULT 489  
US-08-291-932A-198  
/ Sequence 198, Application US/08291932A  
/ Patent No. 5658780  
/ GENERAL INFORMATION:  
/ APPLICANT: Stinchcomb, Dan T.  
/ APPLICANT: Draper, Kenneth G.  
/ APPLICANT: McSwiggen, James  
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF  
/ TITLE OF INVENTION: DISEASES OR CONDITIONS  
/ TITLE OF INVENTION: RELATED TO LEVELS OF  
/ TITLE OF INVENTION: NP-KB  
/ NUMBER OF SEQUENCES: 830  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ STREET: Suite 4700  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071-2066  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/291,932A

/ FILING DATE: August 15, 1994  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA: including application  
/ PRIOR APPLICATION DATA: described below:  
/ APPLICATION NUMBER: 08/245,466  
/ FILING DATE: May 18, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard J.  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 208/157  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 198:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 15 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-291-932A-198

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 71.4%; Pred. No. 3.7e+02;  
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGGAGTGACG 831  
Db 2 GUCUGAGGACG 15

RESULT 490  
US-08-291-932A-201/c  
/ Sequence 201, Application US/08291932A  
/ Patent No. 5658780  
/ GENERAL INFORMATION:  
/ APPLICANT: Stinchcomb, Dan T.  
/ APPLICANT: Draper, Kenneth G.  
/ APPLICANT: McSwiggen, James  
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF  
/ TITLE OF INVENTION: DISEASES OR CONDITIONS  
/ TITLE OF INVENTION: RELATED TO LEVELS OF  
/ TITLE OF INVENTION: NP-KB  
/ NUMBER OF SEQUENCES: 830  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ STREET: Suite 4700  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071-2066  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/291,932A  
/ FILING DATE: August 15, 1994  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA: including application  
/ PRIOR APPLICATION DATA: described below:  
/ APPLICATION NUMBER: 08/245,466  
/ FILING DATE: May 18, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ ATTORNEY/AGENT INFORMATION:

Two

Two

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 201:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-932A-201

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1015 GAAAGATGAGGGGA 1028  
Db 14 GAAGATGAGGGGA 1

## RESULT 491

US-08-291-932A-205  
Sequence 205, Application US/08291932A  
Patent No. 5658780

GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 205:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs

Two

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-932A-205

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 78.8%; Pred. No. 3.7e+02;  
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1048 AAGCCCTGGCCCC 1061  
Db 2 AGGCCUCUGGGCCC 15

## RESULT 492

US-08-334-847-24  
Sequence 24, Application US/08334847  
Patent No. 5693532

GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
APPLICANT: Draper, Kenneth  
APPLICANT: Pavco, Pam  
APPLICANT: Woolf, Tod  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
INHIBITING RESPIRATORY  
TITLE OF INVENTION: SYNCYTIAL VIRUS  
NUMBER OF SEQUENCES: 909  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/334,847  
FILING DATE: No. 5693532ember 4, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/032  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-334-847-24

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 3.7e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 850 ATTGAGATGTTAA 863  
Db 1 AUGAGAUUGAUA 14

## RESULT 493

```
US-08-334-847-45/c
; Sequence 45, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-45
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 944 TTGGTTTAATGTAT 957
Db 15 TTAGTTAAATGTAT 2

RESULT 494
US-08-334-847-46/c
; Sequence 45, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
```

```
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-46
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 944 TTGGTTTAATGTAT 957
Db 14 TTAGTTAAATGTAT 1

RESULT 495
US-08-334-847-345
; Sequence 345, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
```



```
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 345:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-334-847-345
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 3.7e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 982 CTCCTACTCCATGTG 995
DB 1 CUAUACUCCAUAGU 14

RESULT 496
US-08-334-847-520
; Sequence 520, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 520:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-334-847-662
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 979 AAGCTCTACTCCAT 992
DB 14 AAGCTCTACTCAT 1

RESULT 498
US-08-334-847-663/c
; Sequence 663, Application US/08334847
```

Patent No. 5693532  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
APPLICANT: Draper, Kenneth  
APPLICANT: Payco, Pam  
APPLICANT: Woolf, Tod  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
INHIBITING RESPIRATORY  
TITLE OF INVENTION: SYNCYTIAL VIRUS  
NUMBER OF SEQUENCES: 909  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/334,847  
FILING DATE: December 4, 1994  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/032  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 663:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-334-847-663  
Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 973 AAGTCAAGCTCTA 986  
Db 14 AACTCAAGCTCTA 1  
RESULT 499  
US-08-363-240A-59  
Sequence 59, Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwiggen, James  
APPLICANT: Bisgaier, Charles  
APPLICANT: Pape, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
TITLE OF INVENTION: PROGRESSION AND REGRESSION  
TITLE OF INVENTION: OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 59:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-59  
Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 3.7e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;  
QY 1132 TTCACCTCCAGTCTC 1145  
Db 1 UUGACCUCCAGAU 14  
RESULT 500  
US-08-363-240A-576  
Sequence 576, Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwiggen, James  
APPLICANT: Bisgaier, Charles  
APPLICANT: Pape, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
TITLE OF INVENTION: PROGRESSION AND REGRESSION  
TITLE OF INVENTION: OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION NUMBER:  
FILING DATE:

Patent No. 5693532  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
APPLICANT: Draper, Kenneth  
APPLICANT: Payco, Pam  
APPLICANT: Woolf, Tod  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
INHIBITING RESPIRATORY  
TITLE OF INVENTION: SYNCYTIAL VIRUS  
NUMBER OF SEQUENCES: 909  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/334,847  
FILING DATE: December 4, 1994  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/032  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 663:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-334-847-663  
Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 973 AAGTCAAGCTCTA 986  
Db 14 AACTCAAGCTCTA 1  
RESULT 499  
US-08-363-240A-59  
Sequence 59, Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwiggen, James  
APPLICANT: Bisgaier, Charles  
APPLICANT: Pape, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
TITLE OF INVENTION: PROGRESSION AND REGRESSION  
TITLE OF INVENTION: OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700

```
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 576:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-576

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTC 1145
Db 1 UUGACCUCCAGAU 14

RESULT 501
US-08-363-240A-577
; Sequence 577, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363.240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 577:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-578

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTC 1145
Db 1 UUGACCUCCAGAU 14

RESULT 502
US-08-363-240A-578
; Sequence 578, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363.240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 578:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-579

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTC 1145
Db 1 UUGACCUCCAGAU 14

RESULT 503
```

US-08-363-240A-614  
 ; Sequence 614, Application US/08363240A  
 ; Patent No. 5705388  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Couture, Larry  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Bisgaier, Charles  
 ; APPLICANT: Pape, Michael  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR  
 ; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
 ; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
 ; TITLE OF INVENTION: OF VASCULAR DISEASES  
 ; NUMBER OF SEQUENCES: 1243  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/363,240A  
 ; FILING DATE: December 23, 1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 210/096  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 614:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 15 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-363-240A-614

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
 Best Local Similarity 78.8%; Pred. No. 3.7e+02;  
 Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCAAC 1263  
 |||||  
 Db 1 ACACCAUCUCCAC 14

RESULT 504  
 US-08-363-240A-615  
 ; Sequence 615, Application US/08363240A  
 ; Patent No. 5705388  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Couture, Larry  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Bisgaier, Charles  
 ; APPLICANT: Pape, Michael  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR  
 ; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
 ; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
 ; TITLE OF INVENTION: OF VASCULAR DISEASES  
 ; NUMBER OF SEQUENCES: 1243  
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/363,240A  
 FILING DATE: December 23, 1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/096  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 615:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-363-240A-615  
 Query Match 0.5%; Score 10.8; DB 1; Length 15;  
 Best Local Similarity 78.8%; Pred. No. 3.7e+02;  
 Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
 QY 1250 ACCCATCCCCAAC 1263  
 |||||  
 Db 1 ACACCAUCUCCAC 14  
 RESULT 505  
 US-08-317-432A-2/c  
 ; Sequence 2, Application US/08317432A  
 ; Patent No. 5710028  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Nurit Eyal and Nir Navot  
 ; TITLE OF INVENTION: A method of quick screening and  
 ; NUMBER OF SEQUENCES: 50  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein  
 ; STREET: 2940 Birchtree lane  
 ; CITY: Silver Spring  
 ; STATE: Maryland  
 ; COUNTRY: United States of America  
 ; ZIP: 20906  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
 ; COMPUTER: Twinhead\* Slimnote-890TX  
 ; OPERATING SYSTEM: MS DOS version 6.2,  
 ; OPERATING SYSTEM: Windows version 3.11  
 ; SOFTWARE: Word for Windows version 2.0  
 ; SOFTWARE: converted to ASCII  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/317,432A  
 ; FILING DATE: 4-Oct-94  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/919,872  
 ; FILING DATE: 27-Jul-92

```

, APPLICATION NUMBER: 08/084,503
, FILING DATE: 1-Jul-93
, ATTORNEY/AGENT INFORMATION:
, NAME: Friedmam, Mark M.
, REGISTRATION NUMBER: 33,883
, REFERENCE/DOCKET NUMBER: 128/7
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 972-3-5625553
, TELEFAX: 972-3-5625554
, TELEX:
, INFORMATION FOR SEQ ID NO: 2:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 15
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
US-08-317-432A-2

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```
Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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QY 911 TCTTTGGTCTTTTC 924  
DB 14 TCTTTGGTGTTC 1

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1  RESULT 506
2  US-08-601-435-28
3  / Sequence 28, Application US/08601435
4  / Patent No. 5759801
5  / GENERAL INFORMATION:
6  / APPLICANT:
7  / TITLE OF INVENTION: DNA sequence
8  / TITLE OF INVENTION: of A. thaliana
9  / TITLE OF INVENTION: reductase a
10 / TITLE OF INVENTION: process, str
11 / NUMBER OF SEQUENCES: 31
12 / COMPUTER READABLE FORM:
13 / MEDIUM TYPE: Floppy disk
14 / COMPUTER: IBM PC compatible
15 / OPERATING SYSTEM: PC-DOS/MS-DOS
16 / SOFTWARE: PatentIn Release #1.
17 / SOFTWARE:
18 / CURRENT APPLICATION DATA:

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Query Match	0.5%	Score 10.8;	DB 1;	Length 15;
Best Local Similarity	85.7%	Pred. No. 3.7e+02;		
Matches 12: Conservative	0;	Mismatches 2	Indels	

QY 1056 GGCCCAAAACCCAA 1069  
Db 1 GGCCGCAAAACCCAA 14

RESULT 507

US-08-311-486C-175

Sequence 175, Application US/08311486C

Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kiech

APPLICANT: Dan T. Srinchomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF- $\alpha$

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRES:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including applicant

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 175:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-311-486C-175

Query Match	0.5%	Score 10.8;	DB 1;	Length 15;
Best Local Similarity	64.3%;	Pred. NO. 3.7e+02;		
Matches 9: Conservative	3;	Mismatches 2;	Indels 0;	Gaps 0;

Qy 1139 CCAGCTCCACCTAT 1152  
|||||:|:|:  
Db 2 CCAGCUCUCCUUAU 15

RESULT 508  
US-08-311-486C-651/c  
; Sequence 651, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOSYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TPE-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
ZIP: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 651:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-651

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 864 GGGCACTGAGGACT 877  
Db 15 GGGCTCTGAGGACT 2

RESULT 509  
US-08-473-481-6  
Sequence 6, Application US/08473481  
Patent No. 5830653  
GENERAL INFORMATION:  
APPLICANT: FROHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.

STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,481  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/976,103  
FILING DATE: 23-NOV-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-473-481-6  
Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029  
Db 1 AAAAAGAGAGAGAG 14

RESULT 510  
US-08-473-481-12  
Sequence 12, Application US/08473481  
Patent No. 5830653  
GENERAL INFORMATION:  
APPLICANT: FROHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53

RESULT 511  
US-08-473-481-40/c  
; Sequence 40, Application US/08473481  
; Patent No. 5830653  
; GENERAL INFORMATION:  
; APPLICANT: FROEHLER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: FUDLO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIP

RESULT 512  
US-08-473-481-49  
Sequence 49, Application US/08473481  
Patent No. 5830653  
General Information:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.

RESULT 513  
US-08-292-620A-149/c  
; Sequence 149, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McGwisgen

1 GENERAL INFORMATION:  
2 APPLICANT: Susan Grimm  
3 APPLICANT: Dan T. Stinchcomb  
4 APPLICANT: James McSwiggen  
5 APPLICANT: Sean Sullivan  
6 APPLICANT: Kenneth G. Draper  
7 TITLE OF INVENTION: RIBOZYME TREATMENT OF  
8 DISEASES OR CONDITIONS  
9 TITLE OF INVENTION: RELATED TO LEVELS OF  
10 TITLE OF INVENTION: RELATED TO LEVELS OF  
11 TITLE OF INVENTION: INTRACELLULAR ADHESION  
12 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)



```

RESULT 515
US-08-2992-620A-333/c
SEQUENCE 333, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McGswaggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVEL
; TITLE OF INVENTION: INTRACELLULAR
; TITLE OF INVENTION: MOLECULE-1 (I-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California

```

```

RESULT 516
US-08-2992-620A-442
Sequence 442, Application US/08292620A
Patent No.'5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Scinichcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon and Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

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; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 442:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-442

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e-02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACTTGGCGCTC 1183
DB 2 CAACUUUCAGCUC 15

RESULT 517
US-08-292-620A-614
; Sequence 614, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOSOME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
```

two

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; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 614:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-614

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e-02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1171 AACTTTGGCGCTCC 1184
DB 1 AACUUUCAGCUCC 14

RESULT 518
US-08-894-922A-1/c
; Sequence 1, Application US/08894922A
; Patent No. 5863765
; GENERAL INFORMATION:
; APPLICANT: BERRY, Mark John
; APPLICANT: DAVIS, Paul James
; APPLICANT: VAN DER LOGT, Cornelius P.E.
; APPLICANT: WHITEHAM, Garry Clark
; TITLE OF INVENTION: PRODUCTION IN YEASTS OF STABLE ANTIBODY
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fallsbury Madison & Sutro, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,922A
; FILING DATE: 03-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9504344.4
; FILING DATE: 03-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/00468
; FILING DATE: 01-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Korulis, Paul K.
; REGISTRATION NUMBER: 16,773
; REFERENCE/DOCKET NUMBER: 60113/241261
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)-861-3503
; TELEFAX: (202)-822-0944
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
```

FRAGM

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-894-922A-1

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTTATCCCTCC 937
Db 15 CCTTTTATCCATC 2

RESULT 519
US-08-774-306A-278
; Sequence 278, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 278:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-306A-278

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACC 885
Db 2 AGGGCUCAGGCUC 15

RESULT 520
```

```
US-08-774-306A-363/c
; Sequence 363, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 363:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-306A-363

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGGCTGACCCC 1224
Db 14 AGGGGGGAGACCCC 1

RESULT 521
US-08-418-085-73
; Sequence 73, Application US/08418085
; Patent No. 5869283
; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
; APPLICANT: MARIA; SMAAL, ERIC BASTIAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
; TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
```

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/418,085
; FILING DATE: 06-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/054,185
; FILING DATE: 26-APR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,798
; FILING DATE: 16-JULY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL89/00072
; FILING DATE: 25-SEPT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/200904.6
; FILING DATE: 08-MAY-88
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-88
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146,1169 CON-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; US-08-418-085-73

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCCAAACCCAA 1069
Db 1 GGCCGCAAAACCAA 14

RESULT 522
US-08-585-684B-202
; Sequence 202, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 202:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-202

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1094 CCCCCACCTGGGC 1107
Db 1 CUCCCAUCCUGGCG 14

RESULT 523
US-08-585-684B-271
; Sequence 271, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

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;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/418,085
; FILING DATE: 06-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/054,185
; FILING DATE: 26-APR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,798
; FILING DATE: 16-JULY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL89/00072
; FILING DATE: 25-SEPT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/200904.6
; FILING DATE: 08-MAY-88
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-88
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146,1169 CON-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; US-08-418-085-73

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCCAAACCCAA 1069
Db 1 GGCCGCAAAACCAA 14

RESULT 522
US-08-585-684B-202
; Sequence 202, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-271

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 943 ATTGGTTTAATGTA 956
Db 1 AUUUGCUUAUGUA 14

RESULT 524
US-08-585-684B-643
; Sequence 643, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 643:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-643

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 816 AAGCCTGGAGTGCA 829
Db 15 AAGCCTGGAGTGCA 2

RESULT 526
US-08-740-821-8/c
; Sequence 8, Application US/08740821
; Patent No. 5910583
; GENERAL INFORMATION:
; APPLICANT: Marks, Jeffrey R.
; APPLICANT: Vaughn, James P.
; APPLICANT: Iglehart, James D.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES

```

```
;
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
; STREET: Post Office Drawer 34009
; CITY: Charlotte
; STATE: No. 5910583th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/740,821
; FILING DATE: 04-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5405-134
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-420-2200
; TELEFAX: 919-881-3175
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
;
; US-08-740-821-8
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1016 AAAAAAGGGGAG 1029
; DB 15 AAAAAAGAGAGAG 2
;
; RESULT 527
; US-08-477-553A-2/c
; Sequence 2, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,034
; FILING DATE: 23-JUNE-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8925590.5
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```
;
; FILING DATE: 13-NOV-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-477-553A-2
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 795 CTCCTGTAGTAAGT 808
; DB 14 CTCAGTAGGAACT 1
;
; RESULT 528
; US-08-403-888A-24/c
; Sequence 24, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-403-888A-24
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```
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 1257 CCCCAACCCCTTC 1270  
Db 15 CCCCAACCCGGTC 2

## RESULT 529

US-08-931-047-28  
; Sequence 28, Application US/08931047  
; Patent No. 5965417  
; GENERAL INFORMATION:

; APPLICANT: DNA sequence coding for a protein of  
; TITLE OF INVENTION: A. thaliana having a delta-5,7 sterol,  
; TITLE OF INVENTION: delta-7 reductase activity, delta7-Red  
; TITLE OF INVENTION: protein, production process, strains  
; TITLE OF INVENTION: Of transformed yeasts, uses.  
; NUMBER OF SEQUENCES: 31

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/931,047  
; FILING DATE:

; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: FR 9501723  
; FILING DATE: 15-FEB-1995

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 9506517

; FILING DATE: 01-JUN-1995  
; INFORMATION FOR SEQ ID NO: 28:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs

; TYPE: nucleic acid  
; STRANDEDNESS: single

; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"  
US-08-931-047-28

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e-02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCCAA 1069  
Db 1 GGCCGCAAAACCAA 14

## RESULT 530

US-08-783-202-28  
; Sequence 28, Application US/08783202  
; Patent No. 5989881  
; GENERAL INFORMATION:

; APPLICANT:

; TITLE OF INVENTION: DNA sequence coding for a protein of A.

; TITLE OF INVENTION: thaliana having a delta-5,7 sterol, delta-7 reductase

; TITLE OF INVENTION: activity, delta7-Red protein, production process, strains

; TITLE OF INVENTION: Of transformed yeasts, uses.  
; NUMBER OF SEQUENCES: 31

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/783,202  
; FILING DATE:

; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: FR 9501723

; FILING DATE: 15-FEB-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 9506517  
; FILING DATE: 01-JUN-1995  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"  
US-08-783-202-28

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e-02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCCAA 1069  
Db 1 GGCCGCAAAACCAA 14

## RESULT 531

US-08-343-998-24

; Sequence 24, Application US/08343998A  
; Patent No. 6020123  
; GENERAL INFORMATION:

; APPLICANT: Sonigo, Pierre  
; APPLICANT: Brechot, Christian

; APPLICANT: Courgnard, Valerie  
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES FOR THE AMPLIFICATION OF THE

; TITLE OF INVENTION: GENOME OF THE RETROVIRUSES OF THE HIV-2 AND SIV TYPE,

; TITLE OF INVENTION: AND THEIR USES FOR IN VITRO DIAGNOSIS OF THE INFECTIONS

; TITLE OF INVENTION: DUE TO THESE VIRUSES  
; FILE REFERENCE: 2356.0065-01

; CURRENT APPLICATION NUMBER: US/08/343,998A  
; CURRENT FILING DATE: 1994-11-18

; EARLIER APPLICATION NUMBER: 07/820,600  
; EARLIER FILING DATE: 1992-01-22

; EARLIER APPLICATION NUMBER: PCT/FR90/00394  
; EARLIER FILING DATE: 1990-06-05

; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patent In Ver. 2.0

; SEQ ID NO 24  
; LENGTH: 15

; TYPE: DNA  
; ORGANISM: Simian immunodeficiency virus

; FEATURE:  
US-08-343-998-24

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1191 AGAGGTGGCACCAC 1204  
Db 1 AGAGGTGGCAGAAC 14

## RESULT 532

US-08-486-343A-6

; Sequence 6, Application US/08486343A  
; Patent No. 6071695  
; GENERAL INFORMATION:

; APPLICANT: OZKAYNAK, ENGIN  
; APPLICANT: OPPERMANN, HERMANN

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING

; TITLE OF INVENTION: MORPHOGENIC PROTEIN EXPRESSION

; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES  
; ADDRESSEE: INC.

STREET: 45 SOUTH STREET  
CITY: HOPKINTON  
STATE: MA  
COUNTRY: USA  
ZIP: 07148  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: PITCHER, Edmund R  
REGISTRATION NUMBER: 27,829  
REFERENCE/DOCKET NUMBER: CRP-091CP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)-248-7000  
TELEFAX: (617)-248-7100  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..15  
OTHER INFORMATION: /note= "WT1/EGR MOUSE TCC BINDING"  
OTHER INFORMATION: SITE"  
US-08-486-343A-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1136 CCTCCAGCTCCACC 1149  
Db 2 CCTCCGCTCTCC 15

RESULT 533  
US-08-959-853-7/c  
Sequence 7, Application US/08959853  
Patent No. 6050553  
GENERAL INFORMATION:  
APPLICANT: Robert S. Matson  
TITLE OF INVENTION: USE OF URACIL-DNA GLYCOSYLASE  
TITLE OF INVENTION: IN GENETIC ANALYSIS  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Beckman Instruments, Inc.  
STREET: 2500 Harbor Boulevard  
CITY: Fullerton  
STATE: California  
ZIP: 92834-3100  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: WINDOWS 95 - WORDPERFECT 7.0  
SOFTWARE: ASCII (PCS) TEXT  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/959,853  
FILING DATE: herewith  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: P. R. Harder  
REGISTRATION NUMBER: 20,022  
REFERENCE/DOCKET NUMBER: 450-1566  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (714) 773-6929  
TELEFAX: (714) 773-7936  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-959-853-7

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 TCTTGTGCTTTTC 924  
Db 15 TCTTGTGCTTTTC 2

RESULT 534  
US-08-963-472-5  
Sequence 5, Application US/08963472  
Patent No. 6110676  
GENERAL INFORMATION:  
APPLICANT: COULL, JAMES M.  
APPLICANT: HYLDIG-NIELSEN, JENS J.  
APPLICANT: GODTEREDSEN, SVEN E.  
APPLICANT: FIANDACA, MARK J.  
APPLICANT: STEFANO, KYRIAKI  
TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR  
TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET  
TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BOSTON PROBES, INC.  
STREET: 75B WIGGINS AVE  
CITY: BEDFORD  
STATE: MA  
COUNTRY: UNITED STATES  
ZIP: 01730  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/963,472  
FILING DATE: 03-NOV-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/032,349  
FILING DATE: 04-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/937,709  
FILING DATE: 25-SEP-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: GILDEA, BRIAN D.  
REGISTRATION NUMBER: 39,995  
REFERENCE/DOCKET NUMBER: BP9701US-CP1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 781-271-1100 X 224  
TELEFAX: 781-276-4931  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "5'-FLUORESCIN LABELLED  
DESCRIPTION: OLIGONUCLEOTIDE"  
HYPOTHETICAL: NO



```
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: <1
; OTHER INFORMATION: /label= 5'-fluorescein
US-08-963-472-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACGAGCTCCA 15

RESULT 535
US-08-963-472-5/c
; Sequence 5, Application US/08963472
; Patent No. 6110676
; GENERAL INFORMATION:
; APPLICANT: COULL, JAMES M.
; APPLICANT: HYLDIG-NIELSEN, JENS J.
; APPLICANT: GODTFREDSEN, SVEN E.
; APPLICANT: FIANDACA, MARK J.
; APPLICANT: STEFANO, KYRIAKI
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR
; TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET
; TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOSTON PROBES, INC.
; STREET: 75E WIGGINS AVE
; CITY: BEDFORD
; STATE: MA
; COUNTRY: UNITED STATES
; ZIP: 01730
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 60/032,349
; FILING DATE: 04-DEC-1996
; APPLICATION NUMBER: US 08/937,709
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GILDEA, BRIAN D.
; REGISTRATION NUMBER: 39,995
; REFERENCE/DOCKET NUMBER: BP9701US-CPI
; TELEPHONE: 781-271-1100 X 224
; TELEFAX: 781-276-4931
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "5'-FLUORESCIN LABELED"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: <1
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; OTHER INFORMATION: /label= 5'-fluorescein
US-08-963-472-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGTGTG 315
Db 15 TGGAGCTGTGTGCG 2

RESULT 536
US-08-963-472-9
; Sequence 9, Application US/08963472
; Patent No. 6110676
; GENERAL INFORMATION:
; APPLICANT: COULL, JAMES M.
; APPLICANT: HYLDIG-NIELSEN, JENS J.
; APPLICANT: GODTFREDSEN, SVEN E.
; APPLICANT: FIANDACA, MARK J.
; APPLICANT: STEFANO, KYRIAKI
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR
; TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET
; TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOSTON PROBES, INC.
; STREET: 75E WIGGINS AVE
; CITY: BEDFORD
; STATE: MA
; COUNTRY: UNITED STATES
; ZIP: 01730
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 60/032,349
; FILING DATE: 04-DEC-1996
; APPLICATION NUMBER: US 08/937,709
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GILDEA, BRIAN D.
; REGISTRATION NUMBER: 39,995
; REFERENCE/DOCKET NUMBER: BP9701US-CPI
; TELEPHONE: 781-271-1100 X 224
; TELEFAX: 781-276-4931
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: <1
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Db 2 CGCCACCAGCTCCA 15

RESULT 537

US-08-963-472-9/c

Sequence 9, Application US/08963472

Patent No. 6110676

GENERAL INFORMATION:

APPLICANT: COULL, JAMES M.

APPLICANT: HVLIDIG-NIELSEN, JENS J.

APPLICANT: GODTFREDSEN, SVEN E.

APPLICANT: FIANDACA, MARK J.

APPLICANT: STEFANO, KYRIAKI

TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET

TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET

TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: BOSTON PROBES, INC.

STREET: 75E WIGGINS AVE

CITY: BEDFORD

STATE: MA

COUNTRY: UNITED STATES

ZIP: 01730

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/963,472

FILING DATE: 03-NOV-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/032,349

FILING DATE: 04-DEC-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/937,709

FILING DATE: 25-SEP-1997

ATTORNEY/AGENT INFORMATION:

NAME: GILDEA, BRIAN D.

REGISTRATION NUMBER: 39,995

REFERENCE/DOCKET NUMBER: BP9701US-CP1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 781-271-1100 X 224

TELEFAX: 781-276-4931

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "OLIGONUCLEOTIDE"

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-963-472-9

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 302 TGGAGCTGTGTGTG 315

Db 15 TGGAGCTGTGTGCG 2

RESULT 538

US-09-064-156A-278

Sequence 278, Application US/09064156A

Patent No. 6132966

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING HEPATITIS C

TITLE OF INVENTION: INHIBITING HEPATITIS C

TITLE OF INVENTION: VIRUS REPLICATION

NUMBER OF SEQUENCES: 498

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

US-09-064-156A-363/c

Sequence 363, Application US/09064156A

Patent No. 6132966

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING HEPATITIS C

TITLE OF INVENTION: INHIBITING HEPATITIS C

TITLE OF INVENTION: VIRUS REPLICATION

NUMBER OF SEQUENCES: 498

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

US-09-064-156A-278

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 872 AGGACTCAGGCACC 885

Db 2 AGGCGCUCAGGCUC 15

RESULT 539

US-09-064-156A-363/c

Sequence 363, Application US/09064156A

Patent No. 6132966

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING HEPATITIS C

TITLE OF INVENTION: INHIBITING HEPATITIS C

TITLE OF INVENTION: VIRUS REPLICATION

NUMBER OF SEQUENCES: 498

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

US-09-064-156A-278

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 872 AGGACTCAGGCACC 885

Db 2 AGGCGCUCAGGCUC 15

```

; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 363:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-363

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1211 AGGGGGGTGACCCC 1224
DB 14 AGGGGGGAGACCCC 1

```

```

RESULT 540
US-09-071-845-149/c
; Sequence 149, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-149

```

```

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 884 CCACAGTGTGTG 897
DB 15 CCACAGTGATGATG 2

```

```

RESULT 541
US-09-071-845-173
; Sequence 173, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992

```

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 173:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-173

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 3.7e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1138 TCCAGCTCCACCTA 1151  
Db 1 UGCAGCUACACCTA 14

RESULT 542  
US-09-071-845-333/c  
Sequence 333, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 333:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-333

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTG 1033  
Db 15 AGAGCGAGAGCTTG 2

RESULT 543  
US-09-071-845-442  
Sequence 442, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 442:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-071-845-442

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 3.7e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACUUCAGCUC 1183  
Db 2 CAACUUCAGCUC 15

RESULT 544

US-09-071-845-614  
; Sequence 614, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071.845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292.620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008.895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989.849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 614:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 3.7e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1171 AACUUCAGCUC 1184

Db 1 AACUUCAGCUC 14

RESULT 545

US-09-099-011A-73  
; Sequence 73, Application US/09099011A  
; Patent No. 6171836  
; GENERAL INFORMATION:  
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN,  
; APPLICANT: GERARDUS CORNELIS MARIA; SMAAL,  
; APPLICANT: ERIC BASTIAN  
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF  
; TITLE OF INVENTION: STEROIDS AND GENETICALLY ENGINEERED CELLS  
; TITLE OF INVENTION: USED THEREIN  
; NUMBER OF SEQUENCES: 79  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BIERMAN, MUSERLIAN & LUCAS  
; STREET: 600 THIRD AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10016  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: MICROSOFT WORD 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/099,011A  
; FILING DATE: 17-JUN-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/418,085  
; FILING DATE: 06-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/054,185  
; FILING DATE: 26-APR-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/002,608  
; FILING DATE: 11-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/474,857  
; FILING DATE: 30-OCT-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/474,798  
; FILING DATE: 16-JULY-1990  
; PRIOR APPLICATION DATA: PCT/NL89/00072  
; FILING DATE: 25-SEPT-1989  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: NL88/200904.6  
; FILING DATE: 06-MAY-1988  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: NL/88/202080.3  
; FILING DATE: 03-SEP-1988  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CHARLES A. MUSERLIAN  
; REGISTRATION NUMBER: 19,683  
; REFERENCE/DOCKET NUMBER: 146.1169-  
; REFERENCE/DOCKET NUMBER: CON-1-DIV-2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 661-8000  
; TELEFAX: (212) 661-8002  
; INFORMATION FOR SEQ ID NO: 73:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 BASE PAIRS  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: LINEAR

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;

US-09-099-011A-73

```
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1056 GCGCCCAAAACCAA 1069
Db 1 GCGCCCAAAACCAA 14

RESULT 546
US-09-177-359-20/c
; Sequence 20, Application US/09177359B
; Patent No. 6183963
; GENERAL INFORMATION:
; APPLICANT: SINNETT, Daniel
; APPLICANT: LABUDA, Damian
; TITLE OF INVENTION: DETECTION OF CYP1A1, CYP1A4, CYP2D6 AND
; TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
; FILE OF INVENTION: ASSAY
; FILE REFERENCE: 12667-17"US" FC/ld
; CURRENT APPLICATION NUMBER: US/09/177,359B
; CURRENT FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA for use as probes
US-09-177-359-20

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 988 TCATTTGTTGGG 1001
Db 15 TCATTTGTTGGG 2

RESULT 547
US-09-038-073-202
; Sequence 202, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-271

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
```

```
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 202:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-202

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 1094 CCCCCACCCCTGGGC 1107
Db 1 CCCCCAUCCCUGGC 14

RESULT 548
US-09-038-073-271
; Sequence 271, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-271

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
```

Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTAATGTA 956

Db 1 AUUGCUAUAUGUA 14

## RESULT 549

US-09-038-073-643

; Sequence 643, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 643:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-643

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 57.1%; Pred. No. 3.7e+02;

Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 757 TGCCATGCGAGTTT 770

Db 2 UGCCAUCCAGGCUU 15

## RESULT 550

US-09-038-073-643/c

; Sequence 643, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 643:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-643

Query Match 0.5%;

Best Local Similarity 85.7%; Score 10.8; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 AAGCCTGGAGTGCA 829

Db 15 AAGCCTGGAGTGCA 2

## RESULT 551

US-09-358-972-251

; Sequence 251, Application US/09358972

; Patent No. 6235480

; GENERAL INFORMATION:

; APPLICANT: Shultz, John W.

; APPLICANT: Lewis, Martin K.

; APPLICANT: Lieppe, Donna

; APPLICANT: Mandrekar, Michelle

; APPLICANT: Kephart, Daniel

; APPLICANT: Rhodes, Richard B.

; APPLICANT: Andrews, Christine A.

; APPLICANT: Hartnett, James R.

; APPLICANT: Gu, Trent

; APPLICANT: Olson, Ryan J.

; APPLICANT: Wood, Keith W.

; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; FILE REFERENCE: Pro-103 6868/75528

; CURRENT APPLICATION NUMBER: US/09/358,972

; CURRENT FILING DATE: 1999-07-22

; EARLIER APPLICATION NUMBER: 09/252,436

; EARLIER FILING DATE: 1999-02-18

; EARLIER APPLICATION NUMBER: 09/042,287

; EARLIER FILING DATE: 1998-03-13

; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 251
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu1
; OTHER INFORMATION: human gene
US-09-358-972-251

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCAA 1262
DB 2 GACCCCATCTCTAA 15

RESULT 552
US-08-338-352-7
; Sequence 7, Application US/08338352
; Patent No. 6235887
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: JONES, ROBERT J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
; TITLE OF INVENTION: PYRIMIDINES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.20
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 251:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-338-352-13

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
DB 1 AAAAAAGAGAGAGAG 14

RESULT 554
US-09-081-646-79/c
; Sequence 79, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21

RESULT 553
US-08-338-352-13
; Sequence 13, Application US/08338352
; Patent No. 6235887
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: JONES, ROBERT J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
; TITLE OF INVENTION: PYRIMIDINES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.20
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-338-352-13

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
DB 1 AAAAAAGAGAGAGAG 14

RESULT 554
US-09-081-646-79/c
; Sequence 79, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21



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; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-79

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1060 CCRAACCCAGCTT 1073
Db 15 CAAACCCAGCAT 2

RESULT 555
US-09-081-646-127
; Sequence 127, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 127
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-127

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1193 AGGTGGCCACCACC 1206
Db 2 ATGTGGCCACCACC 15

RESULT 556
US-09-081-646-223
; Sequence 223, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 223
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-223

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1035 AGGAACCTACTACTA 1048
Db 2 ATGAACCTACTACTA 15

RESULT 557
US-09-081-646-546
; Sequence 546, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhou, Wei
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 546
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-546

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CTTGGCCCCCAACC 1066
Db 1 CATGGCCCCCAACC 14

RESULT 558
US-09-081-646-615
; Sequence 615, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 615
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-615

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1254 CATCCCCCAACCCC 1267
Db 1 CATCCCCCAACCCC 14

RESULT 559
US-09-081-646-615
; Sequence 615, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 615
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-615

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```



STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,738A  
FILING DATE: 12-FEB-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/473,481  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-738A-6  
Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1016 AAAAAGAGGGGAG 1029  
DB 1 AAAAAGAGAGAGAG 14  
RESULT 563  
US-08-599-738A-12  
Sequence 12, Application US/08599738A  
Patent No. 6380368  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.

APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,738A  
FILING DATE: 12-FEB-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/473,481  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/976,103  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-738A-12  
Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1016 AAAAAGAGGGGAG 1029  
DB 1 AAAAAGAGAGAGAG 14  
RESULT 564  
US-08-599-738A-40/c  
Sequence 40, Application US/08599738A  
Patent No. 6380368

RESULT 565  
US-08-599-738A-49  
; Sequence 49, Application US/08599738A  
; Patent No. 6380368  
; GENERAL INFORMATION:  
; APPLICANT: FROEHLER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDLO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/599,738A  
; FILING DATE: 12-FEB-1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/473,481  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/965,941  
; FILING DATE: 23-OCT-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/338,352  
; FILING DATE: 25-NOV-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/799,824  
; FILING DATE: 26-NOV-1991  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 162.3D2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 573-4712  
; TELEFAX: (415) 573-4899  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 49:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-599-738A-49

Query Match 0.5%; Score 10.8; DB 1; Length 15;

GENERAL INFORMATION:  
; APPLICANT: FROEHLER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDLO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/599,738A  
; FILING DATE: 12-FEB-1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/473,481  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/965,941  
; FILING DATE: 23-OCT-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/338,352  
; FILING DATE: 25-NOV-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/799,824  
; FILING DATE: 26-NOV-1991  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 162.3D2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 573-4712  
; TELEFAX: (415) 573-4899  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-599-738A-40

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029

DB 15 AAAAGAGAGAGAG 2

Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029  
|||||||  
Db 1 AAAAGAGAGAG 14

## RESULT 566

US-09-383-316-87  
; Sequence 87, Application US/09383316  
; Patent No. 6391551

## GENERAL INFORMATION:

; APPLICANT: Shultz, John W.  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Lipppe, Donna  
; APPLICANT: Mandrekar, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Gu, Trent  
; APPLICANT: Olson, Ryan J.  
; APPLICANT: Wood, Keith W.  
; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; CURRENT APPLICATION NUMBER: US/09/383,316

; CURRENT FILING DATE: 1999-08-25

; PRIOR APPLICATION NUMBER: 09/252,436

; PRIOR FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: 09/042,287

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 09/358,972

; PRIOR FILING DATE: 1999-07-21

; NUMBER OF SEQ ID NOS: 123

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 87

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: probe to Alu1

; OTHER INFORMATION: human gene

US-09-383-316-87

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCCAA 1262  
|||||||  
Db 2 GACCCCATCTCTAA 15

## RESULT 567

US-08-461-210-26/c

; Sequence 26, Application US/08461210

; Patent No. 6395475

## GENERAL INFORMATION:

; APPLICANT: Leggett, Carol G.

; TITLE OF INVENTION: Semiautomated Method for Fingerprinting

; TITLE OF INVENTION: Bacterial DNA

; NUMBER OF SEQUENCES: 31

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &

; ADDRESSEE: Russell

; STREET: 200 East Broward Boulevard

; CITY: Fort Lauderdale

; STATE: Florida

; COUNTRY: USA

; ZIP: 33301

; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,210  
; FILING DATE:

## CLASSIFICATION: 436

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/064,596

; FILING DATE: 18-MAY-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Manso, Peter J.

; REGISTRATION NUMBER: 32,264

; REFERENCE/DOCKET NUMBER: FL20979-20

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 305/527/2498

; TELEFAX: 305/764/4996

; INFORMATION FOR SEQ ID NO: 26:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-461-210-26

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1252 CCATCCCCAACCC 1265  
|||||||  
Db 15 CCATCCCCGAATC 2

## RESULT 568

US-09-400-502-23

; Sequence 23, Application US/09400502

; Patent No. 6414127

## GENERAL INFORMATION:

; APPLICANT: Lin, Kuei-Ying

; APPLICANT: Matteucci, Mark D.

; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners

; FILE REFERENCE: GLIS0127

; CURRENT APPLICATION NUMBER: US/09/400,502

; CURRENT FILING DATE: 1999-09-21

; PRIOR APPLICATION NUMBER: 08/966,392

; PRIOR FILING DATE: 1997-11-07

; NUMBER OF SEQ ID NOS: 25

; SOFTWARE: Patentin version 3.1

; SEQ ID NO 23

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: No. 6414127el Sequence

US-09-400-502-23

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029  
|||||||  
Db 1 AAAAGAGAGAGAG 14

## RESULT 569

US-09-400-502-24

; Sequence 24, Application US/09400502

; Patent No. 6414127

; GENERAL INFORMATION:

```

; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/09/400,502
; CURRENT FILING DATE: 1999-09-22
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 24
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6414127e1 Sequence
US-09-400-502-24

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
    |||||
Db 1 AAAAAAGAGAGAG 14

RESULT 570
US-09-456-773-4
; Sequence 4, Application US/09456773
; Patent No. 6441152
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Flandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: BP9807US
; CURRENT APPLICATION NUMBER: US/09/456,773
; CURRENT FILING DATE: 1999-12-08
; EARLIER APPLICATION NUMBER: 60/111,439
; EARLIER FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: probe, primer or target
US-09-456-773-4

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGTCCA 1147
    |||||
Db 2 CGCCACAGCTCCA 15

RESULT 571
US-09-456-773-4/c
; Sequence 4, Application US/09456773
; Patent No. 6441152
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T

```

```

; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Flandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: BP9807US
; CURRENT APPLICATION NUMBER: US/09/456,773
; CURRENT FILING DATE: 1999-12-08
; EARLIER APPLICATION NUMBER: 60/111,439
; EARLIER FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: probe, primer or target
US-09-456-773-4

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
    |||||
Db 15 TGGAGCTGTGGCG 2

RESULT 572
US-08-906-378-2/c
; Sequence 2, Application US/08906378B
; Patent No. 6447998
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C
; APPLICANT: Gutierrez, Arnold J
; APPLICANT: Matteucci, Mark D
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0113
; CURRENT APPLICATION NUMBER: US/08/906,378B
; CURRENT FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998e1 Sequence
US-08-906-378-2

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
    |||||
Db 15 AAAAAAGAGAGAG 2

RESULT 573
US-08-906-378-9/c
; Sequence 9, Application US/08906378B
; Patent No. 6447998
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C
; APPLICANT: Gutierrez, Arnold J
; APPLICANT: Matteucci, Mark D

```

```
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0113
; CURRENT APPLICATION NUMBER: US/08/906,378B
; CURRENT FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: DNA/RNA
; OTHER INFORMATION: Mixed Oligomer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998el Sequence
; US-08-906-378-9

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 574
US-09-179-162A-5
; Sequence 5, Application US/09179162A
; Patent No. 6485901
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flindaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US
; CURRENT APPLICATION NUMBER: US/09/179,162A
; CURRENT FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
; US-09-179-162A-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15

RESULT 575
US-09-179-162A-5/c
; Sequence 5, Application US/09179162A
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```
; Patent No. 6485901
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flindaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; TITLE OF INVENTION: Beacons
; FILE REFERENCE: BP9703US
; CURRENT APPLICATION NUMBER: US/09/179,162A
; CURRENT FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
; US-09-179-162A-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 302 TGGAGCTGTGGTG 315
Db 15 TGGAGCTGTGGCG 2

RESULT 576
US-09-1717-422-2/c
; Sequence 2, Application US/09717422
; Patent No. 6495672
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/09/717,422
; CURRENT FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6495672el Sequence
; US-09-717-422-2

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2
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; FILLING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/418,085
; FILING DATE: 06-APR-1995
; APPLICATION NUMBER: US/08/054,185
; FILING DATE: 26-APR-1993
; PRIOR APPLICATION DATA: US/08/002,608
; APPLICATION NUMBER: US/08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA: US/07/474,798
; FILING DATE: 16-JULY-1990
; PRIOR APPLICATION DATA: PCT/NL89/00072
; APPLICATION NUMBER: PCT/NL89/00072
; FILING DATE: 25-SEPT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/200904.6
; FILING DATE: 06-MAY-88
; PRIOR APPLICATION DATA: NL/88/202080.3
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-88
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1169 CON-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
;
US-09-098-877B-73

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCAAAACCCAA 1069
Db 1 GGCCCAAAACCCAA 14

RESULT 581
US-09-950-459-5
; Sequence 5, Application US/09950459
; Patent No. 6649349
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US/09/950,459
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
;
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TCGAGCTGTGGTG 315
Db 15 TCGAGCTGTGGCG 2

RESULT 583
US-10-032-307-68
; Sequence 68, Application US/10032307
; Patent No. 6683173
; GENERAL INFORMATION:
; APPLICANT: Dempsy, Robert O.
; APPLICANT: Gall, Alexander A.
; APPLICANT: Lokhov, Sergey G.
; APPLICANT: Afonina, Irina A.
```

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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
;
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15

RESULT 582
US-09-950-459-5/C
; Sequence 5, Application US/09950459
; Patent No. 6649349
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
;
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TCGAGCTGTGGTG 315
Db 15 TCGAGCTGTGGCG 2

RESULT 583
US-10-032-307-68
; Sequence 68, Application US/10032307
; Patent No. 6683173
; GENERAL INFORMATION:
; APPLICANT: Dempsy, Robert O.
; APPLICANT: Gall, Alexander A.
; APPLICANT: Lokhov, Sergey G.
; APPLICANT: Afonina, Irina A.
```

; APPLICANT: Singer, Michael J.  
; APPLICANT: Kutyavain, Igor V.  
; APPLICANT: Vermeulen, Nicolaas M.J.  
; APPLICANT: Epoch Biosciences, Inc.  
; TITLE OF INVENTION: T-m Leveling Methods  
; FILE REFERENCE: 17682A-003630US  
; CURRENT APPLICATION NUMBER: US/10/032,307  
; CURRENT FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: US 09/054,830  
; PRIOR FILING DATE: 1998-04-03  
; PRIOR APPLICATION NUMBER: US 09/054,832  
; PRIOR FILING DATE: 1998-04-03  
; PRIOR APPLICATION NUMBER: US 09/431,385  
; PRIOR FILING DATE: 1999-11-01  
; PRIOR APPLICATION NUMBER: US 60/186,046  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 09/640,953  
; PRIOR FILING DATE: 2000-08-16  
; PRIOR APPLICATION NUMBER: US 09/724,959  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 09/796,988  
; PRIOR FILING DATE: 2001-02-28  
; NUMBER OF SEQ ID NOS: 90  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 68  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: probe sequence  
US-10-032-307-68

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATGGTGTAAAT 953  
|||||  
Db 2 TTCATGGTGTAAAT 15

RESULT 584  
PCT-US93-01880-1/c  
; Sequence 1, Application PC/TUS9301880  
; GENERAL INFORMATION:  
; APPLICANT: Chang, Tse Wen  
; TITLE OF INVENTION: Method for selecting low frequency  
; TITLE OF INVENTION: antigen-specific single B lymphocytes  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Tanox Biosystems, Inc.  
; STREET: 10301 Stella Link Rd.  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: DOS 3.30  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/01880  
; FILING DATE: 17 FEB 1993  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/905,040  
; FILING DATE: 06/26/1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/848,249  
; FILING DATE: 03/09/1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mirabel, Eric P.

; REGISTRATION NUMBER: 31,211  
; REFERENCE/DOCKET NUMBER: TTX92-2A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (713) 664-2288  
; TELEFAX: (713) 664-8914  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: Single stranded  
; TOPOLOGY: Linear  
PCT-US93-01880-1

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCACGCTCCACT 1150  
|||||  
Db 15 CACACGCTCCACT 2

RESULT 585  
PCT-US93-12600-14  
; Sequence 14, Application PC/TUS9312600  
; GENERAL INFORMATION:  
; APPLICANT: Denner, Larry A.  
; APPLICANT: Rega, Ajay A.  
; APPLICANT: Dixon, Richard A.F.  
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A  
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY  
; NUMBER OF SEQUENCES: 29  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dressler, Goldsmith, Shore &  
; ADDRESSEE: Milnamow, Ltd.  
; STREET: 180 North Stetson, Suite 4700  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/12600  
; FILING DATE: 28-DEC-1993  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/999,706  
; FILING DATE: December 31, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Katz, Martin L.  
; REGISTRATION NUMBER: 25,011  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (312) 616-5400  
; TELEFAX: (312) 616-5460  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
PCT-US93-12600-14

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCAGCTCCA 1147  
|||||

```
Db      2 CACTTCCAGCCCA 15

RESULT 586
PCT-US94-02471-36/c
; Sequence 36, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
PCT-US94-02471-36

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1257 CCCCAACCCCTTC 1270
Db      15 CCCCAACCCCGTC 2

RESULT 587
PCT-US95-07349-6
; Sequence 6, Application PC/TUS9507349
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES
; INC.
```

```
; STREET: 45 SOUTH STREET
; CITY: HOPKINTON
; STATE: MA
; COUNTRY: USA
; ZIP: 07148
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07349
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,021
; FILING DATE: 28-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KELLEY, ROBIN D
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: CRP-091PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508)-435-9001
; TELEFAX: (508)-435-0992
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: /note= "WT1 MOUSE TCC BINDING SITE"
PCT-US95-07349-6

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1136 CCTCCAGCTCCACC 1149
Db      2 CCTCCGCTCTCC 15

RESULT 588
PCT-US91-03680-98/c
; Sequence 98, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
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; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8..9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
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; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
; OTHER INFORMATION: ring)"
; PCT-US91-03680-98
;
; Query Match 0.5%; Score 10.8; DB 1; Length 16;
; Best Local Similarity 75.0%; Pred. No. 4.4e+02;
; Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
;
; QY 59 GAGAAATATAA 70
; DB 16 GAKAAAKKAAA 5
;
; RESULT 589
; US-09-866-108A-8356
; Sequence 8356, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
;
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8..9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
; OTHER INFORMATION: ring)"
; PCT-US91-03680-98
;
; Query Match 0.5%; Score 10.8; DB 1; Length 17;
; Best Local Similarity 85.7%; Pred. No. 5.1e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1714 CAAGCAGGAGCTAG 1727
; DB 1 CAAGGAGGAGCTGG 14
;
; RESULT 590
; US-08-889-296A-27/c
; Sequence 27, Application US/0889296A
; Patent No. 5872242
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P., Cowsett, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/889,296A
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: April 3, 1995
; PRIOR APPLICATION DATA: PCT/US93/09346
; APPLICATION NUMBER: PCT/US93/09346
; FILING DATE: October 1, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,996
; FILING DATE: January 21, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0213
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 27:

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SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-889-296A-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 5.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315  
| | | | | | | | | | | | | | | | |  
Db 17 TGGAGCTGTTGGTG 4

RESULT 591

US-08-848-840A-27/c  
Sequence 27, Application US/08848840A  
Patent No. 5965722

GENERAL INFORMATION:  
APPLICANT: Moria, et al.  
TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH  
STRANDEDNESS: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 5965722rls LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/848,840A  
FILING DATE: 30-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/317,289  
FILING DATE: 03-OCT-1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/794,493  
FILING DATE: 04-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/335,046  
FILING DATE: 07-NOV-1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/488,256  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/465,866  
FILING DATE: 06-JUN-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/468,037  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/411,734  
FILING DATE: 03-APR-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/227,180  
FILING DATE: 13-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucchi  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2458  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-848-840A-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 5.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315  
| | | | | | | | | | | | | | | | |  
Db 17 TGGAGCTGTTGGTG 4

RESULT 592

US-08-961-469A-35/c  
Sequence 35, Application US/08961469A  
Patent No. 6083923

GENERAL INFORMATION:  
APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,  
APPLICANT: Mike Templin, Randy Howard, Rahul Mehta  
TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS  
NUMBER OF SEQUENCES: 61  
CORRESPONDENCE ADDRESS:  
ADDRESS: Jane Massey Licata, Esq.  
STREET: 66 E. Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: PENTIUM  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/961,469A  
FILING DATE: October 31, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-779-2400  
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-961-469A-35

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 5.1e-02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315  
| | | | | | | | | | | | | | | | |  
Db 17 TGGAGCTGTTGGTG 4

RESULT 593

US-09-128-494-27/c  
Sequence 27, Application US/09128494

Patent No. 6117848  
GENERAL INFORMATION:  
APPLICANT: Monia, B.P., Cowser, L.M. and Mancharan, M.  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Inhibition of ras  
NUMBER OF SEQUENCES: 55  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/128,494  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/889,296  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/411,734  
FILING DATE: April 3, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/09346  
FILING DATE: October 1, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 958,134  
FILING DATE: October 5, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/007,996  
FILING DATE: January 21, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0213  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-128-494-27  
Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 5.1e-02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 302 TGGAGCTGTTGGTG 315  
Db 17 TGGAGCTGTTGGCG 4  
RESULT 594  
US-09-248-386-27/c  
Sequence 27, Application US/09248386  
Patent No. 6359124  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P  
APPLICANT: Freier, Susan M  
APPLICANT: Sanghvi, Yogesh S  
APPLICANT: Cook, Phillip D  
APPLICANT: Ecker, David J  
TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and

TITLE OF INVENTION: Alternating Oligonucleotides  
FILE REFERENCE: ISIS3350  
CURRENT APPLICATION NUMBER: US/09/248,386  
CURRENT FILING DATE: 1999-01-12  
EARLIER APPLICATION NUMBER: 08/848,840  
EARLIER FILING DATE: 1997-04-30  
EARLIER APPLICATION NUMBER: 07/411,734  
EARLIER FILING DATE: 1989-09-25  
EARLIER APPLICATION NUMBER: PCT/US93/09346  
EARLIER FILING DATE: 1993-10-01  
EARLIER APPLICATION NUMBER: 07/715,196  
EARLIER FILING DATE: 1991-06-14  
EARLIER APPLICATION NUMBER: 07/958,134  
EARLIER FILING DATE: 1992-10-05  
EARLIER APPLICATION NUMBER: 08/007,996  
EARLIER FILING DATE: 1993-01-21  
EARLIER APPLICATION NUMBER: 07/703,619  
EARLIER FILING DATE: 1991-05-21  
EARLIER APPLICATION NUMBER: 08/040,903  
EARLIER FILING DATE: 1993-03-31  
EARLIER APPLICATION NUMBER: 07/040,526  
EARLIER FILING DATE: 1987-04-20  
EARLIER APPLICATION NUMBER: 08/174,379  
EARLIER FILING DATE: 1993-12-28  
EARLIER APPLICATION NUMBER: 08/040,933  
EARLIER FILING DATE: 1993-03-31  
EARLIER APPLICATION NUMBER: 08/300,072  
EARLIER FILING DATE: 1994-09-02  
EARLIER APPLICATION NUMBER: 08/039,979  
EARLIER FILING DATE: 1993-03-30  
EARLIER APPLICATION NUMBER: 08/395,168  
EARLIER FILING DATE: 1995-02-27  
EARLIER APPLICATION NUMBER: 07/814,961  
EARLIER FILING DATE: 1991-12-24  
EARLIER APPLICATION NUMBER: 08/244,993  
EARLIER FILING DATE: 1994-06-21  
EARLIER APPLICATION NUMBER: 08/468,037  
EARLIER FILING DATE: 1995-06-06  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 27  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence  
US-09-248-386-27  
Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 5.1e-02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 302 TGGAGCTGTTGGTG 315  
Db 17 TGGAGCTGTTGGCG 4  
RESULT 595  
US-09-866-108A-2033  
Sequence 2033, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AROMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2033
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2033

Query Match      0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 CTCGAGGAGTG 508
Db 1 CTCGAGGAGTG 14

RESULT 596
US-09-106-038A-53
; Sequence 53, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
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; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-106-038A-53

Query Match      0.5%; Score 10.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCC 48
Db 5 TGGTGCCTGAGTCC 18

RESULT 597
US-09-622-166A-31
; Sequence 31, Application US/09622166A
; Patent No. 6613546
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, TOSHIHIKO
; APPLICANT: TSUCHIWA, MASAYUKI
; APPLICANT: KOISHIHARA, YASUO
; APPLICANT: KOSAKA, MASAOKI
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND
; FILE REFERENCE: PROMOTER THEREOF
; FILE REFERENCE: 053466/0285
; CURRENT APPLICATION NUMBER: US/09/622,166A
; CURRENT FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: PCT/JP99/00884
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 10-60617
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 10-93883
; PRIOR FILING DATE: 1998-03-24
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-622-166A-31

Query Match      0.5%; Score 10.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 CCTCAGCTCCACC 1149
Db 2 CCTCAGCTCTCTCC 15

RESULT 598
US-09-474-432B-681
; Sequence 681, Application US/0947432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
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; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SEQ ID NO 681  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-432B-681

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 5.7e+02;  
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGGCTGG 1368  
:|||||:|||||:|||||:  
Db 1 UGCACGGUGCCCUUG 17

RESULT 599  
US-09-476-387-680  
; Sequence 680, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo

; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 680  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-680

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 5.7e+02;  
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGGCTGG 1368  
:|||||:|||||:|||||:  
Db 1 UGCACGGUGCCCUUG 17

RESULT 600  
US-09-866-108A-2783  
; Sequence 2783, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: A60MICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: A60MICA Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2783  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2783

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.7e-02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1669 CTTTCAACCCCACTTT 1685  
|||||:|||||:  
Db 1 CTTTCAACCCCACTTT 17

RESULT 601  
US-08-782-047-9/c  
; Sequence 9, Application US/08782047  
; Patent No. 5795726  
; GENERAL INFORMATION:  
; APPLICANT: Glucksmann, M. Alexandra  
; TITLE OF INVENTION: Therapeutic Compositions and Methods and  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: LAHIVE & COCKFIELD  
; STREET: 60 State Street, suite 510  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109-1875  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/782,047  
; FILING DATE: January 10, 1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:



APPLICATION NUMBER: 08/760,246  
FILING DATE: December 4, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/749,431  
FILING DATE: No. 5795726ember 15, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/748,229  
FILING DATE: No. 5795726ember 12, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: MIQ-011CP3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-782-047-9

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.7e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGTCTGTC 1708  
DB 17 GCAAGGACGGGATCTGC 1

## RESULT 602

US-08-782-047-27/c  
Sequence 27, Application US/08782047  
Patent No. 5795726  
GENERAL INFORMATION:  
APPLICANT: Glucksmann, M. Alexandra  
TITLE OF INVENTION: Therapeutic Compositions and Methods and Diagnostic Assa  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street, suite 510  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1975  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/782,047  
FILING DATE: January 10, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/760,246  
FILING DATE: December 4, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/749,431  
FILING DATE: No. 5795726ember 15, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/748,229  
FILING DATE: No. 5795726ember 12, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: MIQ-011CP3  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-782-047-27

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.7e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGTCTGTC 1708  
DB 17 GCAAGGACGGGATCTGC 1

## RESULT 603

US-08-749-431A-24/c  
Sequence 24, Application US/08749431A  
Patent No. 5800998  
GENERAL INFORMATION:  
APPLICANT: Glucksmann, M. Alexandra  
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;  
TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/749,431A  
FILING DATE: 15-NOV-1996  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: MIA-011.02  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-749-431A-24

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.7e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGTCTGTC 1708  
DB 17 GCAAGGACGGGATCTGC 1

RESULT 604  
US-08-924-870A-9/c

```
Sequence 9, Application US/08924870A
Patent No. 6143491
GENERAL INFORMATION:
APPLICANT: Gl cksmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1294
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-27

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGGTCCTGC 1708
DB 17 GCAAGGACGGGATCTGC 1

RESULT 606
US-09-106-038A-54
Sequence 54, Application US/09106038A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: KTS-0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
```

US-09-106-038A-54

Query Match 0.5%; Score 10.6; DB 1; Length 18;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 566 AATGCCGAAGGAAATG 582  
Db 2 AAAGACCAAGAAATG 18

RESULT 607

US-09-106-038A-58  
Sequence 58, Application US/09106038A  
Patent No. 6007995

GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker and Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Isis Pharmaceuticals, Inc.  
STREET: 2292 Faraday Avenue  
CITY: Carlsbad  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92008

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows NT  
SOFTWARE: Microsoft Word 97

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,038A  
FILING DATE: June 26, 1998  
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
NAME: Laurel Spear Bernstein  
REGISTRATION NUMBER: 37,280  
REFERENCE/DOCKET NUMBER: RIS-0004  
TELEPHONE: (760) 931-9200  
TELEFAX: (760) 603-3820

INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-106-038A-58

Query Match 0.5%; Score 10.6; DB 1; Length 18;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 66 TTAAGCAGAGAGGAGG 82  
Db 1 TTAACCAATGAAGAGG 17

RESULT 608

US-08-031-147A-53/c  
Sequence 53, Application US/08031147A  
Patent No. 5514577

GENERAL INFORMATION:  
APPLICANT: Draper et al.  
TITLE OF INVENTION: Oligonucleotide Therapies for  
TITLE OF INVENTION: Modulating the Effects of Herpesviruses  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5514577ris  
STREET: One Liberty Place - 46th Floor

CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/031,147A  
FILING DATE: March 12, 1993  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 485,297  
FILING DATE: February 26, 1990

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,132  
FILING DATE: April 28, 1992

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 954,185  
FILING DATE: September 29, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0469

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes

US-08-031-147A-53

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1058 CCCCAACCCAA 1069  
Db 12 CCCCAACCCAA 1

RESULT 609

US-08-242-664-12  
Sequence 12, Application US/08242664  
Patent No. 5571937

GENERAL INFORMATION:  
APPLICANT: Watanabe, Kyoichi A.  
APPLICANT: Ren, Wu-Yun  
APPLICANT: Weil, Roger  
TITLE OF INVENTION: Complementary DNA and Toxins  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10112

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.24

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/242,664  
FILING DATE: May 12, 1994  
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 44683  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-977-9550  
TELEFAX: 212-664-0525  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-242-664-12

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGA 742  
|||||  
DB 1 AGGAGAAACAGA 12

RESULT 610  
US-08-050-319B-46  
Sequence 45, Application US/08050319B  
Patent No. 5633145  
GENERAL INFORMATION:  
APPLICANT: M. Feldmann, P.W. Gray,  
APPLICANT: M.J.C. Turner, F.M. Brennan  
TITLE OF INVENTION: Modified human TNFalpha (Tumor  
TITLE OF INVENTION: Necrosis Factor alpha) Receptor  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Reed & Robbins  
STREET: 635 Bryant Street  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94301

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050/319B  
FILING DATE: 10-May-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Robbins, Roberta L.  
REGISTRATION NUMBER: 33,208  
REFERENCE/DOCKET NUMBER: 5150-0030  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 617-8999  
TELEFAX: (415) 327-3231  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-050-319B-46

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 CCCGAGTTGAG 855  
|||||

Db 1 CCCGAGTTTAG 12

RESULT 611  
US-08-233-030-43  
Sequence 43, Application US/08233030  
Patent No. 5639655  
GENERAL INFORMATION:  
APPLICANT: James D. Thompson  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC  
TITLE OF INVENTION: LEUKEMIA  
NUMBER OF SEQUENCES: 62  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/233,030  
FILING DATE:  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/008,910  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 197/240  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-233-030-43

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 66.7%; Pred. No. 2.5e+02;  
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 284 TGCTGCGCTGG 295  
|||||

Db 1 UGCGCGCCUGG 12

RESULT 612  
US-08-484-138-12  
Sequence 12, Application US/08484138  
Patent No. 5652350  
GENERAL INFORMATION:  
APPLICANT: Watanabe, Kyoichi A.  
APPLICANT: Ren, Wu-Yun  
APPLICANT: Weil, Roger  
TITLE OF INVENTION: Complementary DNA and Toxins  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York

COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44Mb  
COMPUTER: IBM PC  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,138  
FILING DATE: June 7, 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 44683-Z/JPW/MJG  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-977-9550  
TELEFAX: 212-664-0525  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-484-138-12

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAACACAGA 742  
DB 1 AGGAGAACACAGA 12

RESULT 613  
US-08-173-489C-85/c  
Sequence 85, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEPBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 85:

SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: double stranded  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
DESCRIPTION: retinoblastoma gene (Accession # M33647, J02994) nucleotides 2236 to 2247  
HYPOTHETICAL: No  
ANTI-SENSE: No  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT: chromosome 13  
MAP POSITION: 13q14.2  
PUBLICATION INFORMATION:  
AUTHORS: Friend, S H, Horowitz, J M, Gerber, M R,  
AUTHORS: Wang X F, Bogenmann, E, Li, F P, Weinberg, R A.  
TITLE: Deletions of a DNA sequence  
TITLE: in retinoblastomas and mesenchymal tumors:  
TITLE: Organization of the sequence and its encoded  
TITLE: protein  
JOURNAL: Proceedings of the National Academy of  
JOURNAL: Sciences, USA  
VOLUME: 84  
PAGES: 9059-9063  
DATE: 1987  
RELEVANT RESIDUES IN SEQ ID NO: 85 :FROM 1 TO 12  
US-08-173-489C-85

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATT 945  
DB 12 CTCCTCTTCATT 1

RESULT 614  
US-08-173-489C-189  
Sequence 189, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEPBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (attorney) (212) 708-1880  
 TELEFAX: (attorney) (212) 246-8959  
 INFORMATION FOR SEQ ID NO: 189:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double stranded  
 TOPOLOGY: linear  
 MOLECULE TYPE: genomic DNA  
 DESCRIPTION: hepatitis B virus adw2 isolate,  
 DESCRIPTION: nucleotides 2258 to 2269  
 HYPOTHETICAL: no  
 ANTI-SENSE: no  
 ORIGINAL SOURCE:  
 ORGANISM: Hepatitis B virus  
 INDIVIDUAL ISOLATE: adw2  
 PUBLICATION INFORMATION:  
 AUTHORS: Valenzuela, P., Quiroga, M., Zaldivar, J.,  
 AUTHORS: Gray, P., Ruter, W J.  
 TITLE: The nucleotide sequence of  
 TITLE: the Hepatitis B viral genome and the  
 TITLE: identification of the major viral genes  
 JOURNAL: In "Animal Virus Genetics", Fields, B N,  
 JOURNAL: Jaenisch, R., Fox C F eds  
 VOLUME: 57-70  
 PAGES: 57-70  
 DATE: 1980  
 RELEVANT RESIDUES IN SEQ ID NO: 189 :FROM 1 TO 12  
 US-08-173-489C-189

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGG 1027  
 DB 1 AAAAAGATGGG 12

RESULT 615  
 US-08-465-982-46  
 Sequence 46, Application US/08465982  
 Patent No. 5863786  
 GENERAL INFORMATION:  
 APPLICANT: M. Feldmann, P. W. Gray.  
 APPLICANT: M.J.C. Turner, F.M. Brennan  
 TITLE OF INVENTION: Modified human TNFalpha (Tumor  
 TITLE OF INVENTION: Necrosis Factor alpha) Receptor  
 NUMBER OF SEQUENCES: 57  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Reed & Robbins  
 STREET: 635 Bryant Street  
 CITY: Palo Alto  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94301  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, version #1.25  
 CURRENT APPLICATION NUMBER: US/08/465,982  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/050,319  
 FILING DATE: 10-May-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Robbins, Roberta L.  
 REGISTRATION NUMBER: 33,208  
 REFERENCE/DOCKET NUMBER: 5150-0030

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 617-8999  
 TELEFAX: (415) 327-3231  
 INFORMATION FOR SEQ ID NO: 46:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-465-982-46  
 Query Match 0.5%; Score 10.4; DB 1; Length 12;  
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 CCCGAGATTGAG 855  
 DB 1 CCCGAGATTAG 12

RESULT 616  
 US-08-403-888A-41/c  
 Sequence 41, Application US/08403888A  
 Patent No. 5952490  
 GENERAL INFORMATION:  
 APPLICANT: Hanecak et al.  
 TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
 TITLE OF INVENTION: Sequence  
 NUMBER OF SEQUENCES: 146  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490rls LLP  
 STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: U.S.A.  
 ZIP: 19103  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WordPerfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/403,888A  
 FILING DATE: 12-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/954,185  
 FILING DATE: 29-SEP-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Paul K. Legaard  
 REGISTRATION NUMBER: 38,534  
 REFERENCE/DOCKET NUMBER: ISIS-1229  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-568-3100  
 TELEFAX: 215-568-3439  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 12  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-403-888A-41

QY 1058 CCCCAACCCAA 1069  
 DB 12 CCCCAACCCAA 1

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 617
US-08-403-888A-57/c
; Sequence 57, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-57
;
; Query Match 0.5%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 2.5e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCCAA 1069
DB 12 CCCCAACCCCAA 1

RESULT 618
US-08-403-888A-113/c
; Sequence 113, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-57
;
; Query Match 0.5%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 2.5e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCCAA 1069
DB 12 CCCCAACCCCAA 1

RESULT 619
US-08-053-451B-157/c
; Sequence 157, Application US/08053451B
; Patent No. 5955584
; GENERAL INFORMATION:
; APPLICANT: Chen, Francis W.
; APPLICANT: Ditlow, Charles C.
; APPLICANT: Calenoff, Emanuel
; TITLE OF INVENTION: ATHEROSCLEROTIC PLAQUE SPECIFIC
; TITLE OF INVENTION: ANTIGENS, ANTIBODIES THERETO, AND USES THEREOF
; NUMBER OF SEQUENCES: 176
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Pernie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/053,451B
; FILING DATE: 26-APR-1993
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 7606-033-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
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US-08-053-451B-157

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 GGGAGCTTGAG 1036  
 Db 12 GGAAGCTTGAAG 1

RESULT 620

US-08-819-867-5/c  
 ; Sequence 5, Application US/08819867  
 ; Patent No. 6007989  
 ; GENERAL INFORMATION:

APPLICANT: Michael D. West  
 APPLICANT: Calvin B. Harley  
 APPLICANT: Scott L. Weinrich  
 APPLICANT: Catherine M. Strahl  
 APPLICANT: Michael J. Meeachern  
 APPLICANT: Jerry Shay  
 APPLICANT: Woodring E. Wright  
 APPLICANT: Elizabeth H. Blackburn  
 APPLICANT: Nam Woo Kim  
 APPLICANT: Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
 TITLE OF INVENTION: CONDITIONS RELATED TO  
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
 NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ for Windows 2.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/819,867  
 FILING DATE: March 14, 1997

CLASSIFICATION: 435  
 PRIOR APPLICATION NUMBER:  
 APPLICATION NUMBER: 08/153,051  
 FILING DATE: No. 6007989 September 12, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Chambers, Daniel M.  
 REGISTRATION NUMBER: 34,561

REFERENCE/DOCKET NUMBER: 224/232  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440

TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-819-867-5

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069  
 Db 12 CCCCAACCCAA 1

RESULT 621

US-08-819-867-33/c  
 ; Sequence 33, Application US/08819867  
 ; Patent No. 6007989  
 ; GENERAL INFORMATION:

APPLICANT: Michael D. West  
 APPLICANT: Calvin B. Harley  
 APPLICANT: Scott L. Weinrich  
 APPLICANT: Catherine M. Strahl  
 APPLICANT: Michael J. Meeachern  
 APPLICANT: Jerry Shay  
 APPLICANT: Woodring E. Wright  
 APPLICANT: Elizabeth H. Blackburn  
 APPLICANT: Nam Woo Kim  
 APPLICANT: Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
 TITLE OF INVENTION: CONDITIONS RELATED TO  
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
 NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ for Windows 2.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/819,867  
 FILING DATE: March 14, 1997

CLASSIFICATION: 435  
 PRIOR APPLICATION NUMBER:  
 APPLICATION NUMBER: 08/153,051  
 FILING DATE: No. 6007989 September 12, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Chambers, Daniel M.  
 REGISTRATION NUMBER: 34,561

REFERENCE/DOCKET NUMBER: 224/232  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440

TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-819-867-33

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069  
 Db 12 CCCCAACCCAA 1



## RESULT 622

US-08-819-867-35/c  
; Sequence 35, Application US/08819867  
; Patent No. 6007989

## GENERAL INFORMATION:

APPLICANT: Michael D. West  
APPLICANT: Calvin B. Harley  
APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine M. Strahl  
APPLICANT: Michael J. Mceachern  
APPLICANT: Jerry Shay  
APPLICANT: Woodring E. Wright  
APPLICANT: Elizabeth H. Blackburn  
APPLICANT: Nam Woo Kim  
APPLICANT: Homayoun Vasiri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
TITLE OF INVENTION: CONDITIONS RELATED TO  
TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
TITLE OF INVENTION: TELOMERE ACTIVITY

NUMBER OF SEQUENCES: 80

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/819,867  
FILING DATE: March 14, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/153,051  
FILING DATE: No. 6007989ember 12, 1993  
APPLICATION NUMBER:

## FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-819-867-35

Query Match 0.5%; Score 10.4; DB 1; Length 12;

Best Local Similarity 91.7%; Pred. No. 2.5e+02;

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCCAA 1069

Db 12 CCCCAACCCCAA 1

## RESULT 623

US-09-281-418-107

; Sequence 107, Application US/09281418

; Patent No. 6287769

## GENERAL INFORMATION:

APPLICANT: Inoue Takakazu  
TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DN  
TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing  
TITLE OF INVENTION: nisms and Method of Assaying Contaminant  
FILE REFERENCE: 9982-7

CURRENT APPLICATION NUMBER: US/09/281,418

CURRENT FILING DATE: 1999-03-30

EARLIER APPLICATION NUMBER: JP/1998/87651

EARLIER FILING DATE: 1998-03-31

EARLIER APPLICATION NUMBER: JP/1999/69694

EARLIER FILING DATE: 1999-03-16

NUMBER OF SEQ ID NOS: 216

SEQ ID NO 107

LENGTH: 12

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-09-281-418-107

Query Match 0.5%; Score 10.4; DB 1; Length 12;

Best Local Similarity 91.7%; Pred. No. 2.5e+02;

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 823 GAGTGCACGAAG 834

Db 1 GAGTGCACGAAG 12

## RESULT 624

US-08-831-399-13

; Sequence 13, Application US/08831399

; Patent No. 6312916

## GENERAL INFORMATION:

APPLICANT: Kopetzki, Erhard; Muller, Rainer;

APPLICANT: Eng, Richard; Schmitt, Urban; Deger, Arno; Brandstetter, Hans

TITLE OF INVENTION: Recombinant Inactive Core

TITLE OF INVENTION: Streptavidin Mutants

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Felfe & Lynch

STREET: 805 Third Avenue

CITY: New York City

STATE: New York

COUNTRY: USA

ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/831,399

FILING DATE: 1-April-1997

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE 196 13 053.0

FILING DATE: 1-April-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE 196 37 718.8

FILING DATE: 16-September-1996

ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 6312916man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: HUBER 1105

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 688-9200

TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 12 base pairs

TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-831-399-13

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 GCGAAATCGACA 1011  
DB 1 GCGAAATCGACA 12

RESULT 625  
US-09-366-862-13  
; Sequence 13, Application US/09366862  
; Patent No. 6391571  
; GENERAL INFORMATION:  
; APPLICANT: Kopetzki, Erhard; Muller, Rainer;  
; APPLICANT: Engh, Richard; Schmitt, Urban; Deger, Arno; Brandstetter, Hans  
; TITLE OF INVENTION: Recombinant Inactive Core Streptavidin Mutants  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Felfe & Lynch  
; STREET: 805 Third Avenue  
; CITY: New York City  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/368,772  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/831,399  
; FILING DATE: 1-April-1997  
; APPLICATION NUMBER: DE 196 13 053.0  
; FILING DATE: 1-April-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE 196 37 718.8  
; FILING DATE: 16-September-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hanson, No. 6417331man D.  
; REGISTRATION NUMBER: 30,946  
; REFERENCE/DOCKET NUMBER: HUBR 1105  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 688-9200  
; TELEFAX: (212) 838-3884  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-368-772-13

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 GCGAAATCGACA 1011  
DB 1 GCGAAATCGACA 12

RESULT 627  
US-09-475-947A-286/C  
; Sequence 286, Application US/09475947A  
; Patent No. 6472154  
; GENERAL INFORMATION:  
; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; APPLICANT: Minna, John D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTSP0667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 286  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-286

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-831-399-13

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 GCGAAATCGACA 1011  
DB 1 GCGAAATCGACA 12

RESULT 625  
US-09-366-862-13  
; Sequence 13, Application US/09366862  
; Patent No. 6391571  
; GENERAL INFORMATION:  
; APPLICANT: Kopetzki, Erhard; Muller, Rainer;  
; APPLICANT: Engh, Richard; Schmitt, Urban; Deger, Arno; Brandstetter, Hans  
; TITLE OF INVENTION: Recombinant Inactive Core Streptavidin Mutants  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Felfe & Lynch  
; STREET: 805 Third Avenue  
; CITY: New York City  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/366,862  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/831,399  
; FILING DATE: 1-April-1997  
; APPLICATION NUMBER: DE 196 13 053.0  
; FILING DATE: 1-April-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE 196 37 718.8  
; FILING DATE: 16-September-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hanson, No. 6391571man D.  
; REGISTRATION NUMBER: 30,946  
; REFERENCE/DOCKET NUMBER: HUBR 1105  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 688-9200  
; TELEFAX: (212) 838-3884  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-366-862-13

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 GCGAAATCGACA 1011  
DB 1 GCGAAATCGACA 12

RESULT 626  
US-09-368-772-13  
; Sequence 13, Application US/09368772

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCTTC 942  
Db 12 TTCTCTCTCTTC 1

RESULT 628  
US-09-378-535-5/c  
; Sequence 5, Application US/09378535  
; Patent No. 6551774  
; GENERAL INFORMATION:  
; APPLICANT: Michael D. West  
; Calvin B. Harley  
; Scott L. Weinrich  
; Catherine M. Strahl  
; Michael J. McEachern  
; Jerry Shay  
; Woodring E. Wright  
; Elizabeth H. Blackburn  
; Nam Woo Kim  
; Homayoun Vaziri  
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
; CONDITIONS RELATED TO  
; TELOMERE LENGTH AND/OR  
; TELOMERASE ACTIVITY  
; NUMBER OF SEQUENCES: 80  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/378,535  
; FILING DATE: 20-Aug-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/819,867  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Chambers, Daniel M.  
; REGISTRATION NUMBER: 34,561  
; REFERENCE/DOCKET NUMBER: 224/232  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-378-535-5

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1058 CCCCCAACCCAA 1069  
Db 12 CCCCCAACCCAA 1

Db 12 CCCCCAACCCAA 1

RESULT 629  
US-09-378-535-33/c  
; Sequence 33, Application US/09378535  
; Patent No. 6551774  
; GENERAL INFORMATION:  
; APPLICANT: Michael D. West  
; Calvin B. Harley  
; Scott L. Weinrich  
; Catherine M. Strahl  
; Michael J. McEachern  
; Jerry Shay  
; Woodring E. Wright  
; Elizabeth H. Blackburn  
; Nam Woo Kim  
; Homayoun Vaziri  
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
; CONDITIONS RELATED TO  
; TELOMERE LENGTH AND/OR  
; TELOMERASE ACTIVITY  
; NUMBER OF SEQUENCES: 80  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/378,535  
; FILING DATE: 20-Aug-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/819,867  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Chambers, Daniel M.  
; REGISTRATION NUMBER: 34,561  
; REFERENCE/DOCKET NUMBER: 224/232  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:  
US-09-378-535-33

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1058 CCCCCAACCCAA 1069  
Db 12 CCCCCAACCCAA 1

RESULT 630  
US-09-378-535-35/c

Sequence 35, Application US/09378535  
Patent No. 6551774  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
Calvin B. Harley  
Scott L. Weinrich  
Catherine M. Strahl  
Michael J. Meeachern  
Jerry Shay  
Woodring E. Wright  
Elizabeth H. Blackburn  
Nam Woo Kim  
Homayoun Vaziri  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
CONDITIONS RELATED TO  
TELOMERE LENGTH AND/OR  
TELOMERASE ACTIVITY  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
City: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/378,535  
FILING DATE: 20-Aug-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/819,867  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 35:  
US-09-378-535-35  
Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1058 CCCCAACCCCA 1069  
DB 12 CCCCAACCCCA 1  
RESULT 631  
PCT-US94-02471-53/c  
Sequence 53, Application PC/TUS9402471  
GENERAL INFORMATION:  
APPLICANT: Draper et al.  
TITLE OF INVENTION: Oligonucleotide Therapies for  
TITLE OF INVENTION: Modulating the Effects of Herpesviruses  
NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02471  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 485,297  
FILING DATE: February 26, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,132  
FILING DATE: April 28, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 954,185  
FILING DATE: September 29, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0469  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
PCT-US94-02471-53  
Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1058 CCCCAACCCCA 1069  
DB 12 CCCCAACCCCA 1  
RESULT 632  
PCT-US95-06379-12  
Sequence 12, Application PC/TUS9506379  
GENERAL INFORMATION:  
APPLICANT: Watanabe, Kyoichi A.  
APPLICANT: Ren, Wu-Yun  
APPLICANT: Weil, Roger  
TITLE OF INVENTION: Complementary DNA and Toxins  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44Mb  
COMPUTER: IBM PC  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.24  
CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: PCT/US95/06379
; FILING DATE: May 13, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-12

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAGA 742
| | | | | | | |
Db 1 AGGAGAAACAGAGA 12

RESULT 633
US-07-954-830-7/c
; Sequence 7, Application US/07954830
; Patent No. 5356777
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Eric P.
; APPLICANT: Spier, Sharon J.
; APPLICANT: Rudolf, Jeffrey A.
; APPLICANT: Byrns, Glen
; APPLICANT: Bernoco, Domenico
; TITLE OF INVENTION: Methods Of Detecting Periodic
; TITLE OF INVENTION: Paralysis In Horses
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: University of Pittsburgh
; STREET: Office of Intellectual Property
; STREET: 911 William Pitt Union
; CITY: Pittsburgh
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 15260
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5-1/4" low density diskette
; COMPUTER: IBM PC or compatibles
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,830
; FILING DATE: 19921001
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Frederick H. Colen; Mary-Elizabeth Buckles
; REGISTRATION NUMBER: 28,061; 31,907
; REFERENCE/DOCKET NUMBER: 92-232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 412/288-4164
; TELEFAX: 412/288-3063
; TELEX: 277871
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 nucleotides
; TYPE: NUCLEIC ACID

; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; ORIGINAL SOURCE: muscle mRNA
; ORGANISM: horse
; STRAIN: Quarter Horse
; TISSUE TYPE: adult skeletal muscle
; CELL TYPE: myofiber
; FEATURE:
; NAME/KEY: sequence of horse sodium channel gene
; NAME/KEY: containing mutation causing hyperkalemic periodic
; LOCATION: domain IV, region S3
; IDENTIFICATION METHOD: cross-species RT-PCR using
; IDENTIFICATION METHOD: previously described rat and human sequences
; OTHER INFORMATION: complete horse sequence not
; OTHER INFORMATION: known; corresponds to nucleotides of human sequence
; PUBLICATION INFORMATION:
; AUTHORS: RUDOLPH, J.A.
; AUTHORS: SPIER, S.J.
; AUTHORS: BYRNS, G.
; AUTHORS: ROJAS, C.V.
; AUTHORS: BERNOCO, D.
; AUTHORS: HOFFMAN, E.P.
; TITLE: Periodic Paralysis In Quarter Horses: A
; TITLE: Sodium Channel Mutation Disseminated By Selective
; TITLE: Breeding
; JOURNAL: Nature Genetics
; VOLUME: 2
; PAGES: 144-147
; DATE: 1992
; RELEVANT RESIDUES IN SEQ ID NO: 7: From 1 to 13
US-07-954-830-7

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 972 GAAGTCCAAGCT 983
| | | | | | | |
Db 13 GAAGTCCAAGAT 2

RESULT 634
US-08-233-030-7
; Sequence 7, Application US/08233030
; Patent No. 5639655
; GENERAL INFORMATION:
; APPLICANT: James D. Thompson
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC
; TITLE OF INVENTION: LEUKEMIA
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,030
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
```

```
/ APPLICATION NUMBER: US/08/008,910
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 197/240
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 13
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-233-030-7

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 3.1e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1052 CCTGGCCCA 1063
Db 1 CCTGGCCCA 12

RESULT 635
US-09-588-950A-1/c
/ Sequence 1, Application US/09588950A
/ Patent No. 639305
/ GENERAL INFORMATION:
/ APPLICANT: Makino, Yoshihiko
/ APPLICANT: Abe, Yoshihiko
/ APPLICANT: Ogawa, Masashi
/ APPLICANT: Takagi, Makoto
/ APPLICANT: Takenaka, Shigeori
/ APPLICANT: Yamashita, Kenichi
/ TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a
/ FILE REFERENCE: JG-Y-4980/500569,20039
/ CURRENT APPLICATION NUMBER: US/09/588,950A
/ CURRENT FILING DATE: 2000-06-07
/ PRIOR APPLICATION NUMBER: Japan 11-159339
/ PRIOR FILING DATE: 1999-06-07
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: Patent in version 3.1
/ SEQ ID NO 1
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthesized
US-09-588-950A-1

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1071 CTTGAGTCCGAC 1082
Db 12 CTTGAGTCCGAC 1

RESULT 636
US-09-350-821A-11
/ Sequence 11, Application US/09350821A
/ Patent No. 6410023
/ GENERAL INFORMATION:
/ APPLICANT: Durbin, Anna P.
/ APPLICANT: Collins, Peter L.
/ APPLICANT: Murphy, Brian R.
/ TITLE OF INVENTION: RECOMBINANT PARAINFLUENZA VIRUS VACCINES ATTENUATED BY
```

```
/ APPLICATION NUMBER: US/09/350,821A
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 197/240
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 13
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-233-030-7

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 3.1e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1052 CCTGGCCCA 1063
Db 1 CCTGGCCCA 12

RESULT 635
US-09-588-950A-1/c
/ Sequence 1, Application US/09588950A
/ Patent No. 639305
/ GENERAL INFORMATION:
/ APPLICANT: Makino, Yoshihiko
/ APPLICANT: Abe, Yoshihiko
/ APPLICANT: Ogawa, Masashi
/ APPLICANT: Takagi, Makoto
/ APPLICANT: Takenaka, Shigeori
/ APPLICANT: Yamashita, Kenichi
/ TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a
/ FILE REFERENCE: JG-Y-4980/500569,20039
/ CURRENT APPLICATION NUMBER: US/09/588,950A
/ CURRENT FILING DATE: 2000-06-07
/ PRIOR APPLICATION NUMBER: Japan 11-159339
/ PRIOR FILING DATE: 1999-06-07
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: Patent in version 3.1
/ SEQ ID NO 1
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthesized
US-09-588-950A-1

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1071 CTTGAGTCCGAC 1082
Db 12 CTTGAGTCCGAC 1

RESULT 636
US-09-350-821A-11
/ Sequence 11, Application US/09350821A
/ Patent No. 6410023
/ GENERAL INFORMATION:
/ APPLICANT: Durbin, Anna P.
/ APPLICANT: Collins, Peter L.
/ APPLICANT: Murphy, Brian R.
/ TITLE OF INVENTION: RECOMBINANT PARAINFLUENZA VIRUS VACCINES ATTENUATED BY
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```
/ TITLE OF INVENTION: DELETION OR ABLATION OF A NON-ESSENTIAL GENE
/ FILE REFERENCE: 15280-394000US
/ CURRENT APPLICATION NUMBER: US/09/350,821A
/ CURRENT FILING DATE: 1999-07-09
/ PRIOR APPLICATION NUMBER: 60/047,575
/ PRIOR FILING DATE: 1997-05-23
/ PRIOR APPLICATION NUMBER: 60/059,385
/ PRIOR FILING DATE: 1997-09-19
/ PRIOR APPLICATION NUMBER: 09/083,793
/ PRIOR FILING DATE: 1998-05-22
/ NUMBER OF SEQ ID NOS: 11
/ SOFTWARE: Patent in Ver. 2.1
/ SEQ ID NO 11
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Partial
/ OTHER INFORMATION: sequence of P mRNA having insertion of two G
/ OTHER INFORMATION: residues in editing site
US-09-350-821A-11

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGG 1027
Db 2 AAAAAGAGGGG 13

RESULT 637
US-09-350-821A-11/c
/ Sequence 11, Application US/09350821A
/ Patent No. 6410023
/ GENERAL INFORMATION:
/ APPLICANT: Durbin, Anna P.
/ APPLICANT: Murphy, Brian R.
/ TITLE OF INVENTION: RECOMBINANT PARAINFLUENZA VIRUS VACCINES ATTENUATED BY
/ FILE REFERENCE: 15280-394000US
/ CURRENT APPLICATION NUMBER: US/09/350,821A
/ CURRENT FILING DATE: 1999-07-09
/ PRIOR APPLICATION NUMBER: 60/047,575
/ PRIOR FILING DATE: 1997-05-23
/ PRIOR APPLICATION NUMBER: 60/059,385
/ PRIOR FILING DATE: 1997-09-19
/ PRIOR APPLICATION NUMBER: 09/083,793
/ PRIOR FILING DATE: 1998-05-22
/ NUMBER OF SEQ ID NOS: 11
/ SOFTWARE: Patent in Ver. 2.1
/ SEQ ID NO 11
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Partial
/ OTHER INFORMATION: sequence of P mRNA having insertion of two G
/ OTHER INFORMATION: residues in editing site
US-09-350-821A-11

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1677 CCCCACCTTTT 1688
Db 12 CCCCACCTTTT 1

RESULT 638
US-09-474-432B-136/c
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; Sequence 136, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpaisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MBH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 136  
; LENGTH: 13  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-136

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3 le+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1053 CTTGGCCCAAA 1064  
Db 12 CTTGGCCCAAA 1

RESULT 639  
US-09-476-387-136/C  
; Sequence 136, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpaisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 136  
; LENGTH: 13  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-136

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.1e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1053 CTTGGCCCAAA 1064  
Db 12 CTTGGCCCAAA 1

RESULT 640  
US-09-230-652-20/C  
; Patent No. 5256775  
; APPLICANT: PROHLER, BRIAN C.  
; TITLE OF INVENTION: EXONUCLEASE-RESISTANT OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 4  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/555,522  
; FILING DATE: 05-JUN-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 361,045  
; FILING DATE: 05-JUN-1989  
; SEQ ID NO:2:  
; LENGTH: 13  
5256775-2

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.1e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1018 AAAGAGGGGAG 1029  
Db 13 AAAGAGGGGAG 2

RESULT 641  
US-09-230-652-20/C  
; Sequence 20, Application US/09230652A  
; Patent No. 6537775  
; GENERAL INFORMATION:  
; APPLICANT: Tournier-Lasserre, Elisabeth  
; APPLICANT: Joutel, Anne  
; APPLICANT: Bousser, Marie-Germaine  
; APPLICANT: Bach, Jean-Francois  
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND  
; TITLE OF INVENTION: THERAPEUTIC APPLICATION  
; FILE REFERENCE: 03715.0048-00000  
; CURRENT APPLICATION NUMBER: US/09/230,652A  
; CURRENT FILING DATE: 1999-05-17  
; EARLIER APPLICATION NUMBER: FR 96 09733  
; EARLIER FILING DATE: 1996-08-01  
; EARLIER APPLICATION NUMBER: FR 97 04680  
; EARLIER FILING DATE: 1997-04-16  
; EARLIER APPLICATION NUMBER: PCT/FR97/01433  
; EARLIER FILING DATE: 1997-07-31  
; NUMBER OF SEQ ID NOS: 163  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-230-652-20

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 816 AGCCCTGGAGTG 827  
Db 12 AGCCCTGGAGTG 1

STREET: 30500 No. 5646031thwestern Hwy., Suite 410  
CITY: Farmington Hills  
STATE: Michigan  
COUNTRY: US  
ZIP: 48334  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/442.513A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kohn, Kenneth I.  
REGISTRATION NUMBER: 30,995  
REFERENCE/DOCKET NUMBER: 2384.00014  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810) 539-5050  
TELEFAX: (810) 539-5055  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Ribozyme substrate"  
US-08-442-513A-10

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 58.3%; Pred. No. 3.9e+02;  
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 885 CACAGTGTCTT 896  
DB 2 CGCAGGCGGCUU 13

RESULT 644  
US-08-674-168-10  
Sequence 10, Application US/08674168  
Patent No. 5804414  
GENERAL INFORMATION:  
APPLICANT: MORIYA, Mika  
APPLICANT: YATSUI, Hiroshi  
APPLICANT: YOKOZAKI, Kenzo  
APPLICANT: HIRANO, Seiko  
APPLICANT: HAYAKAWA, Atsushi  
APPLICANT: IZUI, Masako  
APPLICANT: SUGIMOTO, Masakazu  
TITLE OF INVENTION: METHOD OF AMPLIFYING GENE USING  
TITLE OF INVENTION: ARTIFICIAL TRANSPOSON  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSES: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 JEFFERSON DAVIS HIGHWAY, SUITE # 400  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/674.168  
FILING DATE: 01-JUL-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

QY 1213 GGGGCTGACCCC 1224  
DB 1 GGGACTGACCCC 12

RESULT 643  
US-08-442-513A-10  
Sequence 10, Application US/08442513A  
Patent No. 5646031  
GENERAL INFORMATION:  
APPLICANT: DeYoung, Mary Beth  
APPLICANT: Siwkowski, Andrew M.  
APPLICANT: Hampel, Arnold E.  
TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM  
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kohn & Associates

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e-02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCC 1224  
DB 1 GGGACTGACCCC 12

RESULT 642  
US-08-146-010A-8  
Sequence 8, Application US/08146010A  
Patent No. 5591577  
GENERAL INFORMATION:  
APPLICANT: TSUCHIYA, MAKOTO  
APPLICANT: MORIYA, MIKO  
APPLICANT: MIWA, KIYOSHI  
TITLE OF INVENTION: MOBILE GENETIC ELEMENT ORIGINATED FROM  
TITLE OF INVENTION: BREVIABACTERIUM STRAIN  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSES: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/146.010A  
FILING DATE: 12-NOV-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 52694/92  
FILING DATE: 11-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-649-0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Brevibacterium lactofermentum  
STRAIN: AJ2256  
US-08-146-010A-8

STREET: 30500 No. 5646031thwestern Hwy., Suite 410  
CITY: Farmington Hills  
STATE: Michigan  
COUNTRY: US  
ZIP: 48334  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/442.513A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kohn, Kenneth I.  
REGISTRATION NUMBER: 30,995  
REFERENCE/DOCKET NUMBER: 2384.00014  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810) 539-5050  
TELEFAX: (810) 539-5055  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Ribozyme substrate"  
US-08-442-513A-10

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 58.3%; Pred. No. 3.9e+02;  
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 885 CACAGTGTCTT 896  
DB 2 CGCAGGCGGCUU 13

RESULT 644  
US-08-674-168-10  
Sequence 10, Application US/08674168  
Patent No. 5804414  
GENERAL INFORMATION:  
APPLICANT: MORIYA, Mika  
APPLICANT: YATSUI, Hiroshi  
APPLICANT: YOKOZAKI, Kenzo  
APPLICANT: HIRANO, Seiko  
APPLICANT: HAYAKAWA, Atsushi  
APPLICANT: IZUI, Masako  
APPLICANT: SUGIMOTO, Masakazu  
TITLE OF INVENTION: METHOD OF AMPLIFYING GENE USING  
TITLE OF INVENTION: ARTIFICIAL TRANSPOSON  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSES: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 JEFFERSON DAVIS HIGHWAY, SUITE # 400  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/674.168  
FILING DATE: 01-JUL-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

QY 1213 GGGGCTGACCCC 1224  
DB 1 GGGACTGACCCC 12

RESULT 643  
US-08-442-513A-10  
Sequence 10, Application US/08442513A  
Patent No. 5646031  
GENERAL INFORMATION:  
APPLICANT: DeYoung, Mary Beth  
APPLICANT: Siwkowski, Andrew M.  
APPLICANT: Hampel, Arnold E.  
TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM  
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kohn & Associates

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e-02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCC 1224  
DB 1 GGGACTGACCCC 12

RESULT 642  
US-08-146-010A-8  
Sequence 8, Application US/08146010A  
Patent No. 5591577  
GENERAL INFORMATION:  
APPLICANT: TSUCHIYA, MAKOTO  
APPLICANT: MORIYA, MIKO  
APPLICANT: MIWA, KIYOSHI  
TITLE OF INVENTION: MOBILE GENETIC ELEMENT ORIGINATED FROM  
TITLE OF INVENTION: BREVIABACTERIUM STRAIN  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSES: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/146.010A  
FILING DATE: 12-NOV-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 52694/92  
FILING DATE: 11-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-649-0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Brevibacterium lactofermentum  
STRAIN: AJ2256  
US-08-146-010A-8



```

;
; APPLICATION NUMBER: JP 7-166541
; FILING DATE: 30-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORVAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 10-810-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Brevibacterium lactofermentum
; STRAIN: Aul2036
; US-08-674-168-10

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1213 GGGGCTGACCCC 1224
Db 1 GGGAGTACCCC 12

RESULT 645
US-08-639-080-4
; Sequence 4, Application US/08639080
; Patent No. 5843661
; GENERAL INFORMATION:
; APPLICANT: Rothenmund, Paul W.K.
; TITLE OF INVENTION: METHOD FOR CONSTRUCTING UNIVERSAL DNA
; TITLE OF INVENTION: BASED MOLECULAR TURING MACHINE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Ste 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,080
; FILING DATE: April 24, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Harris, Scott C.
; REGISTRATION NUMBER: 32,030
; REFERENCE/DOCKET NUMBER: 06618/129001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid

;
; APPLICATION NUMBER: JP 7-166541
; FILING DATE: 30-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORVAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 10-810-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Brevibacterium lactofermentum
; STRAIN: Aul2036
; US-08-674-168-10

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1213 GGGGCTGACCCC 1224
Db 1 GGGAGTACCCC 12

RESULT 645
US-08-639-080-4
; Sequence 4, Application US/08639080
; Patent No. 5843661
; GENERAL INFORMATION:
; APPLICANT: Rothenmund, Paul W.K.
; TITLE OF INVENTION: METHOD FOR CONSTRUCTING UNIVERSAL DNA
; TITLE OF INVENTION: BASED MOLECULAR TURING MACHINE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Ste 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,080
; FILING DATE: April 24, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Harris, Scott C.
; REGISTRATION NUMBER: 32,030
; REFERENCE/DOCKET NUMBER: 06618/129001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid

;
; DESCRIPTION: oligonucleotide
; US-08-639-080-4

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 735 GAAACAGAACAC 746
Db 2 GAAACAGTACAC 13

RESULT 646
US-08-505-377-18
; Sequence 18, Application US/08505377
; Patent No. 5856146
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,377
; FILING DATE: 21-JUL-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 190180/1994
; FILING DATE: 21-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-505-377-18

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1067 CAAGCTTCAGTC 1078
Db 1 CAAGCTTCATTC 12
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; LENGTH: 14
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: PCR product
US-08-487-799-87

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTGGTCTTT 922
Db 3 TCTTGGTCTTT 14

RESULT 649
US-08-798-269-18
; Sequence 18, Application US/08798269
; Patent No. 6027918
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/798,269
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,377
; FILING DATE: 21-JUL-1995
; APPLICATION NUMBER: JP 190180/1994
; FILING DATE: 21-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-798-269-18

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: PCR product
US-08-487-799-87

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTGGTCTTT 922
Db 3 TCTTGGTCTTT 14

RESULT 649
US-08-798-269-18
; Sequence 18, Application US/08798269
; Patent No. 6027918
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,888
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95400080.8
; FILING DATE: 16-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 010630-097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-585-888-4

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCA 879
Db 2 ACTGAGGACTCA 13

RESULT 648
US-08-487-799-87
; Sequence 87, Application US/08487799C
; Patent No. 6010908
; GENERAL INFORMATION:
; APPLICANT: Gruenert, Deiter C.
; TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
; FILE REFERENCE: 480.18-1 (HV)
; CURRENT APPLICATION NUMBER: US/08/487,799C
; CURRENT FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 07/933,471
; EARLIER FILING DATE: 1992-08-21
; EARLIER APPLICATION NUMBER: 08/409,544
; EARLIER FILING DATE: 1995-03-24
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CAAGCTTCAGTC 1078  
 |||||  
 Db 1 CAAGCTTCATC 12

RESULT 650  
 US-08-180-470-17  
 ; Sequence 17, Application US/08180470  
 ; Patent No. 6045994  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ZABEAU, Marc  
 ; APPLICANT: VOS, Pieter  
 ; TITLE OF INVENTION: SELECTIVE RESTRICTION FRAGMENT  
 ; TITLE OF INVENTION: AMPLIFICATION: A GENERAL METHOD FOR DNA  
 ; NUMBER OF SEQUENCES: 90  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Burns, Doane, Swecker & Mathis  
 ; STREET: The George Mason Bldg., Washington & Prince  
 ; STREET: Sts.  
 ; CITY: Alexandria  
 ; STATE: Virginia  
 ; COUNTRY: United States  
 ; ZIP: 22313-1404  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patentin Release #1.0, Version #1.25  
 ; CURRENT APPLICATION NUMBER: US/08/180,470  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 07/950,011  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Crane-Feury, Sharon E  
 ; REGISTRATION NUMBER: 36,113  
 ; REFERENCE/DOCKET NUMBER: 010830-031  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 836-6620  
 ; TELEFAX: (703) 836-2021  
 ; INFORMATION FOR SEQ ID NO: 17:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-180-470-17

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
 Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCA 879  
 |||||  
 Db 2 ACTGAGGACTCA 13

RESULT 651  
 US-08-985-162-1776/c  
 ; Sequence 1776, Application US/08985162  
 ; Patent No. 6057156  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Akhtar, Saghir  
 ; APPLICANT: Fell, Patricia  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

TITLE OF INVENTION: FACTOR RECEPTORS  
 NUMBER OF SEQUENCES: 1877  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2086  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Fast-SEQ for Windows 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/985,162  
 FILING DATE: 04 December 1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/036,476  
 FILING DATE: 31 January 1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 230/107  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 1776:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 ; US-08-985-162-1776

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
 Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1107 CTTGAGTCCCGT 1118  
 |||||  
 Db 13 CTTGAGTCCGGT 2

RESULT 652  
 US-08-765-340-1115/c  
 ; Sequence 115, Application US/08765340  
 ; Patent No. 6150092  
 ; GENERAL INFORMATION:  
 ; APPLICANT: UCHIDA, K.,  
 ; APPLICANT: UCHIDA, T.,  
 ; APPLICANT: TANAKA, Y.,  
 ; APPLICANT: MATSUDA, Y.,  
 ; APPLICANT: KONDO, S.,  
 ; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
 ; TITLE OF INVENTION: COMPOUND  
 ; NUMBER OF SEQUENCES: 185  
 ; CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
 STREET: 345 PARK AVENUE  
 CITY: NEW YORK  
 STATE: NEW YORK  
 COUNTRY: USA  
 ZIP: 10154  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version

SOFTWARE: #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,340  
FILING DATE: 23-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 145146/94  
FILING DATE: 27-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 311130/94  
FILING DATE: 21-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: SERUNIAN, LESLIE  
REGISTRATION NUMBER: 35,353  
REFERENCE/DOCKET NUMBER: 1452-4005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 115:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
US-08-765-340-115

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CAGGCTCACCC 1096  
Db 14 CAGGCTCACCC 3

RESULT 653  
US-08-765-340-150  
Sequence 150, Application US/08765340  
Patent No. 6150092  
GENERAL INFORMATION:  
APPLICANT: UCHIDA, K.,  
APPLICANT: UCHIDA, T.,  
APPLICANT: TANAKA, Y.,  
APPLICANT: MATSUDA, Y.,  
APPLICANT: KONDO, S.,  
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
NUMBER OF SEQUENCES: 185  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,340  
FILING DATE: 23-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 145146/94  
FILING DATE: 27-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 311130/94  
FILING DATE: 21-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: SERUNIAN, LESLIE

REGISTRATION NUMBER: 35,353  
REFERENCE/DOCKET NUMBER: 1452-4005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 150:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
US-08-765-340-150

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1078 CCACCTCCAGGC 1089  
Db 2 CACACTCCAGGC 13

RESULT 654  
US-08-413-740A-200  
Sequence 200, Application US/08413740A  
Patent No. 6171859  
GENERAL INFORMATION:  
APPLICANT: HERRNSTADT, CORINNA  
APPLICANT: PARKER, WILLIAM D.  
APPLICANT: DAVIS, ROBERT  
APPLICANT: MILLER, SCOTT W.  
TITLE OF INVENTION: Diagnosis, Therapy and Cellular and  
TITLE OF INVENTION: Animal Models for Diseases Associated with Mitochondrial  
TITLE OF INVENTION: Defects  
NUMBER OF SEQUENCES: 206  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kenyon & Kenyon  
STREET: 1025 Connecticut Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20036-5405  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/413,740A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04063  
FILING DATE: 30-MAR-1995  
APPLICATION NUMBER: 08/413,740  
FILING DATE: 30-MAR-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Bonham, David B.  
REGISTRATION NUMBER: 34297  
REFERENCE/DOCKET NUMBER: 2105/7  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 429-1776  
TELEFAX: (202) 429-0796  
INFORMATION FOR SEQ ID NO: 200:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid

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; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-413-740A-200

Query Match
Best Local Similarity 0.5%; Score 10.4; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCC 1096
||| ||| ||| ||| |||
DB 3 CAGGCTTCACCC 14

RESULT 655
US-09-195-991-4
; Sequence 4, Application US/09195991
; Patent No. 6218119
; GENERAL INFORMATION:
; APPLICANT: KUIPER, Martin T.R.
; APPLICANT: ZABEAU, Marc
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/195,991
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,888
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 010830-097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-195-991-4

Query Match
Best Local Similarity 0.5%; Score 10.4; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCA 879
||| ||| ||| ||| |||
DB 2 ACTGAGGACTCA 13

RESULT 656
US-09-113-231A-4
; Sequence 4, Application US/09113231A
; Patent No. 6268202
; GENERAL INFORMATION:
; APPLICANT: Huang, Hung C.
```

```
; APPLICANT: Cheng, Kuo J.
; APPLICANT: Zantinge, Jennifer L.
; APPLICANT: Laroche, Andre J.
; TITLE OF INVENTION: Strains of Coniothyrium minitans Having Beta-Glucanase
; TITLE OF INVENTION: Activity
; FILE REFERENCE: 37015
; CURRENT APPLICATION NUMBER: US/09/113,231A
; PRIOR FILING DATE: 1998-07-10
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent in ver. 2.1
; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence.MseI - AFLP
; OTHER INFORMATION: reverse adapter
US-09-113-231A-4

Query Match
Best Local Similarity 0.5%; Score 10.4; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCA 879
||| ||| ||| ||| |||
DB 2 ACTGAGGACTCA 13

RESULT 657
US-09-362-311-10
; Sequence 10, Application US/09362311
; Patent No. 6300071
; GENERAL INFORMATION:
; APPLICANT: VUYLSTEKE, Keygene
; TITLE OF INVENTION: METHOD FOR DETECTING NUCLEIC ACID METHYLATION USING AFLPTM
; FILE REFERENCE: VUYLSTEKE=1
; CURRENT APPLICATION NUMBER: US/09/362,311
; CURRENT FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 10
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; OTHER INFORMATION: MseI-adaptor
; NAME/KEY: misc feature
; LOCATION: (2)-(16)
; OTHER INFORMATION: complementary to SEQ ID NO:9
US-09-362-311-10

Query Match
Best Local Similarity 0.5%; Score 10.4; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCA 879
||| ||| ||| ||| |||
DB 2 ACTGAGGACTCA 13

RESULT 658
US-09-081-646-258/c
; Sequence 258, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
```

```
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: PASCSEQ for Windows Version 3.0
; SEQ ID NO 258
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-258

Query Match      0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1215 GGCTGACCCCAT 1226
DB 13 GGCTGCCCCCAT 2

RESULT 659
US-09-055-210-18
; Sequence 18, Application US/09055210
; Patent No. 6346394
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/055,210
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/505,377
; FILING DATE: 21-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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```
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-09-055-210-18

Query Match      0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CAAGCTTCAGTC 1078
DB 1 CAAGCTTCATTC 12

RESULT 660
US-09-593-012-50/c
; Sequence 50, Application US/09593012
; Patent No. 6387652
; GENERAL INFORMATION:
; APPLICANT: HAUGLAND, Richard
; APPLICANT: VESPER, Stephen
; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
; FILE REFERENCE: HAUGLAND=1A
; CURRENT APPLICATION NUMBER: US/09/593,012
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: US 09/290,990
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/081,773
; PRIOR FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 50
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Aspergillus versicolor
US-09-593-012-50

Query Match      0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1179 GGCTCCCCGAG 1190
DB 12 GGCTCCCCGCG 1

RESULT 661
US-08-535-249-87/c
; Sequence 87, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlengersiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlengersiepen, Karl-Hermann
; APPLICANT: Schlengersiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 87:
; LENGTH: 14 base pairs
; SEQUENCE CHARACTERISTICS:
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-87

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1254 CATCCCAACCC 1265
DB      13 CATCCCAACCC 2

RESULT 662
US-08-535-249-125
; Sequence 125, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666

; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 125:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-125

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      731 AGGAGAACAGCA 742
DB      1 AGGAGAGCAGA 12

RESULT 663
US-09-230-652-18
; Sequence 18, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-09-230-652-18

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1082 CTCGAGGCTTCA 1093
DB      3 CCCGAGGCTTCA 14

RESULT 664
US-09-357-711A-2
; Sequence 2, Application US/09357711A
; Patent No. 6589649
; GENERAL INFORMATION:
; APPLICANT: DELLAPORTA, STEPHEN
; APPLICANT: CHOMET, PAUL
; TITLE OF INVENTION: METHOD FOR SELECTION OF INSERTION MUTATIONS
; FILE REFERENCE: DEKM:156--1
; CURRENT APPLICATION NUMBER: US/09/357,711A
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
```





QY 731 AGGAGAACAGA 742  
Db 14 AGCAGAACAGA 3

RESULT 668  
US-09-874-601-119  
Sequence 119, Application US/09874601  
Patent No. 6632057  
GENERAL INFORMATION:  
APPLICANT: LEWIN, ALFRED S.  
APPLICANT: SHAW, LYNN C.  
APPLICANT: GRANT, MARIA B.  
TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD  
TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES  
FILE REFERENCE: 4300.014100  
CURRENT APPLICATION NUMBER: US/09/874,601  
CURRENT FILING DATE: 2001-05-01  
PRIOR APPLICATION NUMBER: 09/063,667  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/046,147  
PRIOR FILING DATE: 1997-05-09  
PRIOR APPLICATION NUMBER: 60/044,492  
PRIOR FILING DATE: 1997-04-21  
NUMBER OF SEQ ID NOS: 182  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 119  
LENGTH: 14  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: ( )..( )  
OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
US-09-874-601-119

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 75.0%; Pred. No. 3.9e+02;  
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1266 CTTTCAAGAGTG 1277  
Db 2 CCUCAGAGUG 13

RESULT 669  
PCT-US95-04063-200  
Sequence 200, Application PC/TUS9504063  
GENERAL INFORMATION:  
APPLICANT: HERNSTADT, CORINNA  
APPLICANT: PARKER, WILLIAM D.  
APPLICANT: DAVIS, ROBERT W.  
APPLICANT: MILLER, SCOTT W.  
TITLE OF INVENTION: Diagnosis, Therapy and Cellular and  
TITLE OF INVENTION: Animal Models for Diseases Associated with Mitochondrial  
TITLE OF INVENTION: Defects  
NUMBER OF SEQUENCES: 206  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kenyon & Kenyon  
STREET: 1025 Connecticut Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20036-5405  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04063  
FILING DATE: 30-MAR-1995  
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Bonham, David B.  
REGISTRATION NUMBER: 34297  
REFERENCE/DOCKET NUMBER: 2105/7  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 429-0796  
TELEFAX: (202) 429-0796  
INFORMATION FOR SEQ ID NO: 200:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US95-04063-200

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCC 1096  
Db 3 CAGGATCACCC 14

RESULT 670  
5427929-22/c  
Patent No. 5427929  
APPLICANT: RICHARDS, RODNEY M.; JONES, THEODORE; SNITMAN, DAVID  
L.; BROWN, GREGORY S.  
TITLE OF INVENTION: METHOD FOR REDUCING CARRYOVER CONTAMINATION  
IN AN AMPLIFICATION PROCEDURE  
NUMBER OF SEQUENCES: 24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/57,192  
FILING DATE: 3-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 686,478  
FILING DATE: 19-APR-1991  
APPLICATION NUMBER: 517,631  
FILING DATE: 01-MAY-1990  
SEQ ID NO: 22:  
LENGTH: 14  
5427929-22

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGAAGGAACCTAC 1043  
Db 13 TGAAGGACCTAC 2

RESULT 671  
US-08-535-249-69  
Sequence 69, Application US/08535249  
Patent No. 6455689  
GENERAL INFORMATION:  
APPLICANT: Schlingensiepen, Georg-Ferdinand  
APPLICANT: Brysch, Wolfgang  
APPLICANT: Schlingensiepen, Karl-Hermann  
APPLICANT: Schlingensiepen, Reimar  
APPLICANT: Bogdahn, Ulrich  
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of  
TITLE OF INVENTION: immuno-suppressive effect of transforming-growth factor beta  
NUMBER OF SEQUENCES: 137  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.

RESULT 272  
US-09-866-108A-8357  
US-09-866-108A-8357, Application US/09866108A  
; Sequence 8357, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669

RESULT 672  
US-09-866-108A-8357  
? Sequence 8357, Application US/09866108A  
? Patent No. 6686188  
? GENERAL INFORMATION:  
? APPLICANT: GU, Yizhong  
? APPLICANT: JI, Yonggang  
? APPLICANT: PENN, Sharon G.  
? APPLICANT: HANZEL, David K.  
? APPLICANT: RANK, David R.  
? APPLICANT: CHEN, Wensheng  
? APPLICANT: SHANNON, Mark  
? TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART  
? FILE REFERENCE: AEMICA-7  
? CURRENT APPLICATION NUMBER: US/09/866,108A  
? CURRENT FILING DATE: 2001-05-25  
? PRIOR APPLICATION NUMBER: US 60/207,456  
? PRIOR FILING DATE: 2000-05-26  
? PRIOR APPLICATION NUMBER: GB 24263.6  
? PRIOR FILING DATE: 2000-10-04  
? PRIOR APPLICATION NUMBER: US 60/236,359  
? PRIOR FILING DATE: 2000-09-27  
? PRIOR APPLICATION NUMBER: PCT/US01/00666  
? PRIOR FILING DATE: 2001-01-30  
? PRIOR APPLICATION NUMBER: PCT/US01/00667  
? PRIOR FILING DATE: 2001-01-30  
? PRIOR APPLICATION NUMBER: PCT/US01/00664  
? PRIOR FILING DATE: 2001-01-30  
? PRIOR APPLICATION NUMBER: PCT/US01/00669

Best Local Similarity 91.7%; Pred. No. 6.3e+02; Mismatches 1; Indels 0; Gaps 0;  
Matches 11; Conservative 0;  
  
QY 1419 GGAGCTGCAGAA 1430  
|||||  
Db 5 GGAGCTGCAGAA 16  
  
RESULT 674  
US-08-485-942A-45  
; Sequence 45, Application US/08485942A  
; Patent No. 6048837  
; GENERAL INFORMATION:  
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE  
; TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS  
; TITLE OF INVENTION: AMENDED)  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/485,942A  
; FILING DATE: JUNE 7, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: August 17, 1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 45:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
US-08-485-942A-45  
  
Query Match 0.5%; Score 10.4; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 7e+02; Mismatches 1; Indels 0; Gaps 0;  
Matches 11; Conservative 0;  
  
QY 789 GTGTGTCCTCG 800  
|||||  
Db 7 GTGTGTCCTCG 18

Db 7 GTGTGTCCTCG 18  
  
RESULT 675  
US-08-488-214A-45  
; Sequence 45, Application US/08488214A  
; Patent No. 6124439  
; GENERAL INFORMATION:  
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE  
; TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING  
; TITLE OF INVENTION: (AS AMENDED)  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/488,214A  
; FILING DATE: JUNE 7, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6124439ember 30, 1994  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 45:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
US-08-488-214A-45  
  
Query Match 0.5%; Score 10.4; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 7e+02; Mismatches 1; Indels 0; Gaps 0;  
Matches 11; Conservative 0;  
  
QY 789 GTGTGTCCTCG 800  
|||||  
Db 7 GTGTGTCCTCG 18

RESULT 676  
US-08-488-208A-45  
; Sequence 45, Application US/08488208A  
; Patent No. 6124448  
; GENERAL INFORMATION:  
; APPLICANT: THE ROCKEFELLER UNIVERSITY  
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC  
; NUMBER OF SEQUENCES: 98  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/488,208A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/485,943  
; FILING DATE: June 7, 1995  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6124448ember 30, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 45:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
; US-08-488-208A-45

Query Match 0.5%; Score 10.4; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 7e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 789 GTGTGTCCTCG 800  
|||||  
Db 7 GTGTTCCTCG 18

RESULT 677  
US-08-483-211A-45

; Sequence 45, Application US/08483211A  
; Patent No. 6309853  
; GENERAL INFORMATION:  
; APPLICANT: THE ROCKEFELLER UNIVERSITY  
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC  
; NUMBER OF SEQUENCES: 98  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/483,211A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/485,943  
; FILING DATE: June 7, 1995  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6309853ember 30, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 45:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
; US-08-483-211A-45

Query Match 0.5%; Score 10.4; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 7e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 789 GTGTGTCCTCG 800  
|||||  
Db 7 GTGTTCCTCG 18

RESULT 678  
US-08-488-223A-45  
; Sequence 45, Application US/08488223A  
; Patent No. 6350730

GENERAL INFORMATION:  
APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,223A  
FILING DATE: 07-Jun-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/485,943  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6350730ember 30, 1994  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
SEQUENCE DESCRIPTION: SEQ ID NO: 45:  
US-08-488-223A-45  
Query Match 0.5%; Score 10.4; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 7e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 789 GTGTGTCCTCTG 800  
Db 7 GTGTTCCTCTG 18  
RESULT 679  
US-08-438-431A-45  
Sequence 45, Application US/08438431A  
Patent No. 6429290  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey

COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/438,431A  
FILING DATE: May 10, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6429290ember 30, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
SEQUENCE DESCRIPTION: SEQ ID NO: 45:  
US-08-438-431A-45  
Query Match 0.5%; Score 10.4; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 7e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 789 GTGTGTCCTCTG 800  
Db 7 GTGTTCCTCTG 18  
RESULT 680  
US-08-488-225A-45  
Sequence 45, Application US/08488225A  
Patent No. 6471956  
GENERAL INFORMATION:  
APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC US  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,225A

FILING DATE: June 7, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/483,211  
FILING DATE: June 7, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6471956member 30, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-488-225A-45  
Query Match 0.5%; Score 10.4; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 7e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 789 GTGTGTCCTCG 800  
Db 7 GTGTGTCCTG 18  
RESULT 681  
US-09-513-729B-54  
Sequence 54, Application US/09513729B  
Patent No. 6165791  
GENERAL INFORMATION:  
APPLICANT: Ian Popoff  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION  
FILE REFERENCE: RTS-0112  
CURRENT APPLICATION NUMBER: US/09/513,729B  
CURRENT FILING DATE: 2000-02-24  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 54  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-513-729B-54  
Query Match 0.5%; Score 10.4; DB 1; Length 20;  
Best Local Similarity 70.0%; Pred. No. 9.3e+02;  
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1078 CCCACTCCAGGCTTCACCCC 1097  
Db 1 CTCGCTCCAGCTCCCGCTC 20  
RESULT 682  
US-08-397-220B-7/C  
Sequence 7, Application US/08397220B  
Patent No. 6284458  
GENERAL INFORMATION:  
APPLICANT: Anderson et al.  
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/397,220B  
FILING DATE: 09-Mar-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP93/01293  
FILING DATE: 10-Sep-93  
APPLICATION NUMBER: JP 5-87195  
FILING DATE: 14-Apr-93  
APPLICATION NUMBER: 07/945,289  
FILING DATE: 10-Sep-92  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0031  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-08-397-220B-7  
Query Match 0.5%; Score 10.4; DB 1; Length 21;  
Best Local Similarity 70.0%; Pred. No. 8.7e+02;  
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
QY 214 CCTGAGCCCAATGGGGAG 233  
Db 20 CCAGCCCTGATGGGGCG 1  
RESULT 683  
US-09-417-822-24  
Sequence 24, Application US/09417822  
Patent No. 6344549  
GENERAL INFORMATION:  
APPLICANT: Keegan, Kathy  
TITLE OF INVENTION: ATR-2  
FILE REFERENCE: 27866/35633  
CURRENT APPLICATION NUMBER: US/09/417,822

CURRENT FILING DATE: 1999-10-14  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 24  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer SLOrev  
US-09-417-822-24  
Query Match 0.5%; Score 10.4; DB 1; Length 21;  
Best Local Similarity 70.0%; Pred. No. 8.7e+02;  
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
QY 1658 CTGCGAGATCGCTTCCAC 1677  
DB 2 CTGCGAGCTGTCTTACAAC 21  
RESULT 684  
US-08-650-093C-7/C  
Sequence 7, Application US/08650093C  
Patent No. 6391542  
GENERAL INFORMATION:  
APPLICANT: Kevin P. Anderson et al.  
TITLE OF INVENTION: Compositions And Methods For Treatment Of  
Hepatitis C Virus-Associated Diseases  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LICATA & TYRRELL P.C.  
STREET: 66 E. Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.1 for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/650,093C  
FILING DATE: 17-May-1996  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/452,841  
FILING DATE: May 30, 1995  
APPLICATION NUMBER: 08/397,220  
FILING DATE: March 9, 1995  
APPLICATION NUMBER: 07/945,289  
FILING DATE: September 10, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-08-650-093C-7  
Query Match 0.5%; Score 10.4; DB 1; Length 21;  
Best Local Similarity 70.0%; Pred. No. 8.7e+02;  
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 214 CCTGAGCCCAATGGGGGAG 233  
DB 20 CCAGCCCCCTGATGGGGGCG 1  
RESULT 685  
US-08-823-895A-7/C  
Sequence 7, Application US/08823895A  
Patent No. 643159  
GENERAL INFORMATION:  
APPLICANT: Kevin P. Anderson  
TITLE OF INVENTION: Compositions And Methods For  
Treatment Of Hepatitis C Virus-Associated Diseases  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 66 E. Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/823,895A  
FILING DATE: March 17, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/453,085  
FILING DATE: May 30, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/945,289  
FILING DATE: September 10, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0203  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: Nucleic  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-823-895A-7  
Query Match 0.5%; Score 10.4; DB 1; Length 21;  
Best Local Similarity 70.0%; Pred. No. 8.7e+02;  
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
QY 214 CCTGAGCCCAATGGGGGAG 233  
DB 20 CCAGCCCCCTGATGGGGGCG 1  
RESULT 686  
US-08-182-968A-14  
Sequence 14, Application US/08182968A  
Patent No. 5610054  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
INHIBITING HEPATITIS C  
TITLE OF INVENTION: VIRUS REPLICATION  
NUMBER OF SEQUENCES: 497  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-182-968A-14

Query Match 0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 5.2e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1840 GCCTGAGTGGTGCT 1854
Db 1 GCCUGAUGGUGCU 15

RESULT 687
US-08-774-306A-14
; Sequence 14, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-182-968A-14

Query Match 0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 5.2e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1840 GCCTGAGTGGTGCT 1854
Db 1 GCCUGAUGGUGCU 15

RESULT 688
US-03-064-156A-14
; Sequence 14, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
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/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/064,156A
/ FILING DATE: April 21, 1998
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: 08/774,306
/ FILING DATE: December 26, 1996
/ APPLICATION NUMBER: 08/182,968
/ FILING DATE: January 13, 1994
/ APPLICATION NUMBER: 07/882,888
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 234/083
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 278:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-064-156A-278

Query Match 0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred.No.5.2e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 GGAGCCTCAGTCCAG 50
Db 15 GGAGCCTGAGCCCTG 1

RESULT 692
US-08-282-197C-20
/ Sequence 20, Application US/08282197C
/ Patent No. 5871730
/ GENERAL INFORMATION:
/ APPLICANT: Brzezinski, Ryszard
/ APPLICANT: Dery, Claude V
/ APPLICANT: Beaulieu, Carole
/ TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
/ TITLE OF INVENTION: Methods of Use
/ NUMBER OF SEQUENCES: 67
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Steirne, Kessler, Goldstein & Fox P.L.L.C.
/ STREET: 1100 New York Ave., NW
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/282,197C
/ FILING DATE: 29-JUL-1994
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Cimbala, Michele A
/ REGISTRATION NUMBER: 33,851
/ REFERENCE/DOCKET NUMBER: 1050.0410000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-371-2600
/ TELEFAX: 202-371-2540
/ INFORMATION FOR SEQ ID NO: 20:

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-678

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 604 TGCACAGTGGACCGG 618
Db 3 UGGGACAGUGGACUGG 17

RESULT 695
US-09-476-387-677
; Sequence 677, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH800-831-C (243/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-677

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 604 TGCACAGTGGACCGG 618
Db 3 UGGGACAGUGGACUGG 17

RESULT 696
US-09-866-108A-2782
; Sequence 2782, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2782
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2782

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1136 CCTCAGCTCCACCT 1150
Db 3 CTTCAAGCACCACT 17

RESULT 697
US-09-371-772B-5457/c
; Sequence 5457, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MEH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5457
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5457

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1683 TTTTCTCTGGAAAGG 1697
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Db      17 TTTTCTCTTGAAGAAG 3
;
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5845
;
;
; Query Match
; Sequence 5: Application PC/TUS9312600
; Score 5.0; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 8.8e+02;
; Mismatches 0; Conservative 0; Indels 0; Gaps 0;
;
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; APPLICANT: Dixon, Richard A.P.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Shore &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-5
;
; Query Match
; Best Local Similarity 0.5%; Score 10.2; DB 1; Length 18;
; Sequence 5845, Application US/09198452A
; Pred. No. 7.6e+02;
; Mismatches 3; Indels 0; Gaps 0;
;
; QY      1022 AGGGGGAGCTTGAAG 1036
;
; Db      18 ATGTGGAGCTGAAG 4
;
;
; RESULT 699
US-09-198-452A-5845
; Sequence 5845, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5845
; LENGTH: 20
;
; QY      1257 CCCCCAACCCC 1266
;
; Db      10 CCCCCAACCCC 1
;
;
; Query Match
; Best Local Similarity 0.5%; Score 10; DB 1; Length 10;
; Sequence 37, Application US/08031147A
; Pred. No. 1.8e+02;
; Mismatches 0; Conservative 0; Indels 0; Gaps 0;
;
; QY      1775 GCTGCTGCGCGCG 1789
;
; Db      1 GCTGCTGCGACTCCG 15
;
;
; RESULT 700
US-08-031-147A-37/c
; Sequence 37, Application US/08031147A
; Patent No. 5514577
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5514577ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,147A
; FILING DATE: March 12, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-031-147A-37
;
; Query Match
; Best Local Similarity 100.0%; Pred. No. 1.8e+02;
; Mismatches 0; Conservative 0; Indels 0; Gaps 0;
;
; QY      1257 CCCCCAACCCC 1266
;
; Db      10 CCCCCAACCCC 1
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## RESULT 701

US-08-171-718-50/c  
; Sequence 50, Application US/08171718  
; Patent No. 5707863  
; GENERAL INFORMATION:  
; APPLICANT: Trofater, James A.  
; APPLICANT: MacCollin, Mia M.  
; APPLICANT: Gubella, James F.  
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses  
; TITLE OF INVENTION: Thereof  
; NUMBER OF SEQUENCES: 120  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
; STREET: 1100 New York Avenue, N.W., Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3934

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/171,718  
; FILING DATE: 22-DEC-1993  
; CLASSIFICATION: 436

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/108,808  
; FILING DATE: 19-AUG-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/022,034  
; FILING DATE: 25-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/026,063  
; FILING DATE: 04-MAR-1993

ATTORNEY/AGENT INFORMATION:  
; NAME: Brown, Anne  
; REGISTRATION NUMBER: 36,463  
; REFERENCE/DOCKET NUMBER: 0609,3850003  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 50:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 10 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-171-718-50

Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 807 CTGTAAGAAA 816  
Db 10 CTGTAAGAAA 1

## RESULT 702

US-08-403-888A-26/c  
; Sequence 26, Application US/08403888A  
; Patent No. 5952490  
; GENERAL INFORMATION:  
; APPLICANT: Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; TITLE OF INVENTION: Sequence  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia

STATE: PA  
COUNTRY: U.S.A.

ZIP: 19103  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 26:

SEQUENCE CHARACTERISTICS:  
; LENGTH: 10  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-403-888A-26

Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCCCAACCCC 1266  
Db 10 CCCCAACCCC 1

## RESULT 703

US-08-403-888A-46/c  
; Sequence 46, Application US/08403888A  
; Patent No. 5952490  
; GENERAL INFORMATION:  
; APPLICANT: Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; TITLE OF INVENTION: Sequence  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.

ZIP: 19103  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100

```

; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 10
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; US-08-403-888A-46

Query Match      0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCC 1266
Db 10 CCCCAACCCC 1

RESULT 704
US-08-403-888A-119/c
; Sequence 119, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 119:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 10
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; US-08-403-888A-119

Query Match      0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCC 1266
Db 10 CCCCAACCCC 1

RESULT 705
US-08-388-353-389/c
; Sequence 389, Application US/08388353

```

```

; Patent No. 6010895
; GENERAL INFORMATION:
; APPLICANT: Deacon, Nicholas J.
; APPLICANT: Learmont, Jennifer C.
; APPLICANT: McPhee, Dale A.
; APPLICANT: Crowe, Suzanne
; APPLICANT: Cooper, David
; TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
; NUMBER OF SEQUENCES: 800
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: United States
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,353
; FILING DATE: 14-FEB-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 9606
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 389:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 10 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
; US-08-388-353-389

Query Match      0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1051 CCCCTGGCCC 1060
Db 10 CCCCTGGCCC 1

RESULT 706
US-08-488-551B-389/c
; Sequence 389, Application US/08488551B
; Patent No. 6015661
; GENERAL INFORMATION:
; APPLICANT: Nicholas J. Deacon
; APPLICANT: Dale A. McPhee
; APPLICANT: David Cooper
; TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
; NUMBER OF SEQUENCES: 841
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 GARDEN CITY PLAZA
; CITY: GARDEN CITY
; STATE: NEW YORK
; COUNTRY: U.S.A.
; ZIP: 11530-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,551B
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PM3864 (AU)
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: PM4002 (AU)
; FILING DATE: 21-FEB-1994
; APPLICATION NUMBER: PM0284 (AU)
; FILING DATE: 23-DEC-1994
; APPLICATION NUMBER: US 08/388,353
; FILING DATE: 14-FEB-1995
; APPLICATION NUMBER: PM021/95
; FILING DATE: 17-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: FRANK S. DIGIGLIO
; REFERENCE/DOCKET NUMBER: 9606Z
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; INFORMATION FOR SEQ ID NO: 389:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; MOLECULE TYPE: DNA
; US-08-488-551B-389

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1051 CCCCTGGCCC 1060
DB 10 CCCCTGGCCC 1

RESULT 707
US-09-069-434-16/c
; Sequence 16, Application US/09069434
; Patent No. 6017709
; GENERAL INFORMATION:
; APPLICANT: HARDIN, Susan H.
; APPLICANT: JONES, Leslie Borgan
; TITLE OF INVENTION: DNA Replication Templates Stabilized by
; TITLE OF INVENTION: Guanine Quartets
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,434
; FILING DATE:
; PRIOR APPLICATION NUMBER: US 08/388,353
; FILING DATE: 23-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVIDSON, Ross E.
; REGISTRATION NUMBER: P-41,598
; REFERENCE/DOCKET NUMBER: P-01480U90
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5144
; TELEFAX: 713/651-5246
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; MOLECULE TYPE: linear
; US-08-488-551B-389

;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-069-434-16

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCCCAACCCC 1266
DB 10 CCCCAACCCC 1

RESULT 708
US-08-478-087-50/c
; Sequence 50, Application US/08478087
; Patent No. 6077685
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,087
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/171,718
; FILING DATE: 22-DEC-1993
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-478-087-50
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Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 807 CTGTAAGAAA 816  
DB 10 CTGTAAGAAA 1

RESULT 709  
US-09-134-246-9/c

; Sequence 9, Application US/09134246B  
; Patent No. 6207377  
; GENERAL INFORMATION:  
; APPLICANT: Wayne, Jay  
; APPLICANT: Xu, Shuang-yong  
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle  
; TITLE OF INVENTION: Vectors And Identification Of Two Thermus Plasmid  
; TITLE OF INVENTION: Replication Origins  
; FILE REFERENCE: Thermus Shuttle Vector  
; CURRENT APPLICATION NUMBER: US/09/134,246B  
; CURRENT FILING DATE: 1998-08-14  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Thermus sp.  
US-09-134-246-9

Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 811 AAGAAAGCC 820  
DB 10 AAGAAAGCC 1

## RESULT 710

US-08-192-946-31  
; Sequence 31, Application US/08192946  
; Patent No. 6258585  
; GENERAL INFORMATION:  
; APPLICANT: KENNETH G. DRAPER  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: INHIBITING INFLUENZA VIRUS  
; TITLE OF INVENTION: REPLICATION  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90017

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
; SOFTWARE: Wordperfect (Version 5.1)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,946  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/882,713  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 197/294  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 10  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-192-946-31

Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 40.0%; Pred. No. 1.8e+02;  
Matches 4; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 902 TGGTCATTTT 911  
DB 1 UGGUCAUUU 10

## RESULT 711

US-09-052-753B-12  
; Sequence 12, Application US/09052753B  
; Patent No. 6472520  
; GENERAL INFORMATION:  
; APPLICANT: Paul B. Fisher  
; TITLE OF INVENTION: Progression Elevated Gene-3 and Uses  
; TITLE OF INVENTION: Thereof  
; FILE REFERENCE: A34608-B  
; CURRENT APPLICATION NUMBER: US/09/052,753B  
; CURRENT FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: PCT/US98/05793  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 08/812,818  
; PRIOR FILING DATE: 1997-03-21  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-052-753B-12

Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1256 TCCCAACCC 1265  
DB 1 TCCCAACCC 10

## RESULT 712

US-10-042-111-33  
; Sequence 33, Application US/10042111  
; Patent No. 6551476  
; GENERAL INFORMATION:  
; APPLICANT: ZHEJIANG ACADEMY OF AGRICULTURAL SCIENCES  
; APPLICANT: CHEN, Jinqing  
; TITLE OF INVENTION: A METHOD FOR CONTROLLING RATIO OF PROTEINS/LIPIDS IN CROP SEEDS  
; FILE REFERENCE: ref.  
; CURRENT APPLICATION NUMBER: US/10/042,111  
; CURRENT FILING DATE: 2002-05-08  
; PRIOR APPLICATION NUMBER: CN 99124511.3  
; PRIOR FILING DATE: 1999-11-09  
; NUMBER OF SEQ ID NOS: 46  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 33  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial Sequence



FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: primer  
US-10-042-111-33

Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 865 GGCACTGAGG 874  
|||||  
Db 1 GGCACTGAGG 10

## RESULT 713

PCT-US94-02471-37/c  
Sequence 37, Application PC/TUS9402471  
GENERAL INFORMATION:  
APPLICANT: Draper et al.  
TITLE OF INVENTION: Oligonucleotide Therapies for  
Modulating the Effects of Herpesviruses  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02471  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 485,297  
FILING DATE: February 26, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,132  
FILING DATE: April 29, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 954,185  
FILING DATE: September 29, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Gene Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0469  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
PCT-US94-02471-37

Query Match 0.5%; Score 10; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCC 1266  
|||||  
Db 10 CCCCAACCCC 1

## RESULT 714

US-08-403-888A-25/c  
Sequence 25, Application US/08403888A  
Patent No. 5952490  
GENERAL INFORMATION:  
APPLICANT: Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
TITLE OF INVENTION: Sequence  
NUMBER OF SEQUENCES: 146  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/403,888A  
FILING DATE: 12-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/954,185  
FILING DATE: 29-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Leggaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 11  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-403-888A-25

Query Match 0.5%; Score 10; DB 1; Length 11;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCC 1266  
|||||  
Db 11 CCCCAACCCC 2

## RESULT 715

US-08-646-695-15  
Sequence 15, Application US/08646695  
Patent No. 6168943  
GENERAL INFORMATION:  
APPLICANT: Rose, John K.  
TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR  
TITLE OF INVENTION: USES  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,695
; FILING DATE: On Even Date Herewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: RNA
; US-08-646-695-15

Query Match 0.5%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 730 CAGGAGAAAC 739
Db 2 CAGGAGAAAC 11

RESULT 716
PCT-US96-06053-15
; Sequence 15, Application PC/TUS9606053
; GENERAL INFORMATION:
; APPLICANT: Yale University
; TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR
; TITLE OF INVENTION: USES
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06053
; FILING DATE: 01-MAY-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-009-228
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: RNA
; PCT-US96-06053-15

Query Match 0.5%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 730 CAGGAGAAAC 739
Db 2 CAGGAGAAAC 11

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,695
FILING DATE: On Even Date Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: RNA
US-08-646-695-15

Query Match 0.5%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 730 CAGGAGAAAC 739
Db 2 CAGGAGAAAC 11

RESULT 717
US-08-539-798-8
; Sequence 8, Application US/08539798
; Patent No. 5614400
; GENERAL INFORMATION:
; APPLICANT: CAHOON, Edgar B.
; APPLICANT: OHLMGEE, John B.
; TITLE OF INVENTION: Methods and Compositions Relating to
; TITLE OF INVENTION: Plant 6-Delta Palmitoyl-Acyl Carrier Protein Desaturase
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pioneer Hi-Bred International, Inc.
; STREET: 700 Capital Square, 400 Locust Street
; CITY: Des Moines
; STATE: Iowa
; COUNTRY: US
; ZIP: 50309
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/539,798
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,560
; FILING DATE: 26-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Yates, Michael E.
; REGISTRATION NUMBER: 36,063
; REFERENCE/DOCKET NUMBER: 0284US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (515) 248-4800
; TELEFAX: (515) 248-4844
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-539-798-8

Query Match 0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 70.0%; Pred. No. 3.1e+02;
Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTA 1048
Db 3 ACUACUACUA 12

RESULT 718
US-08-329-560-8
; Sequence 8, Application US/08329560
; Patent No. 5654402
; GENERAL INFORMATION:
; APPLICANT: CAHOON, Edgar B.
; APPLICANT: OHLMGEE, John B.
; TITLE OF INVENTION: Methods and Compositions Relating to
; TITLE OF INVENTION: Plant 6-Delta Palmitoyl-Acyl Carrier Protein Desaturase
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pioneer Hi-Bred International, Inc.
; STREET: 700 Capital Square, 400 Locust Street
; US-08-329-560-8
```

CITY: Des Moines  
 STATE: Iowa  
 COUNTRY: US  
 ZIP: 50309  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/329,560  
 FILING DATE: 26-OCT-1994  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Yates, Michael E.  
 REGISTRATION NUMBER: 36,063  
 REFERENCE/DOCKET NUMBER: 0284US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (515) 248-4800  
 TELEFAX: (515) 248-4844  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-329-560-8

Query Match 0.5%; Score 10; DB 1; Length 12;  
 Best Local Similarity 70.0%; Pred. No. 3.1e-02;  
 Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTA 1048  
 |||:|:|:|:  
 Db 3 ACUACUACUA 12

RESULT 719  
 US-08-363-233B-13/c  
 Sequence 13, Application US/08363233B  
 Patent No. 5714383  
 GENERAL INFORMATION:  
 APPLICANT: Thompson, James D.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR TREATING CHRONIC  
 MYELOGENOUS LEUKEMIA  
 NUMBER OF SEQUENCES: 39  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 SUITE: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq for Windows 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/363,233B  
 FILING DATE: December 23, 1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 PRIOR APPLICATION DATA: including application  
 described below:  
 APPLICATION NUMBER: 07/882,822  
 FILING DATE: May 14, 1992  
 APPLICATION NUMBER: 08/193,922  
 FILING DATE: February 7, 1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.

2

CITY: Des Moines  
 STATE: Iowa  
 COUNTRY: US  
 ZIP: 50309  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/809,297  
 FILING DATE: 06-MAY-1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/JP96/02121  
 FILING DATE: 26-JUL-1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP HEI 7-211328  
 FILING DATE: 28-JUL-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP HEI 8-130586  
 FILING DATE: 30-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: OBLON, NORMAN F.  
 REGISTRATION NUMBER: 24618  
 REFERENCE/DOCKET NUMBER: 2589-057-OPCT  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid

Query Match 0.5%; Score 10; DB 1; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 3.1e-02;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 GGTCATTTC 912  
 |||||:  
 Db 10 GGTCATTTC 1

RESULT 720  
 US-08-809-297-14  
 Sequence 14, Application US/08809297  
 Patent No. 5948650  
 GENERAL INFORMATION:  
 APPLICANT: ARAKI, SHIGEKI  
 TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN  
 HOPS  
 NUMBER OF SEQUENCES: 48  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,  
 ADDRESS: P.C.  
 STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400  
 CITY: ARLINGTON  
 STATE: VA  
 COUNTRY: USA  
 ZIP: 22202

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/809,297  
 FILING DATE: 06-MAY-1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/JP96/02121  
 FILING DATE: 26-JUL-1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP HEI 7-211328  
 FILING DATE: 28-JUL-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP HEI 8-130586  
 FILING DATE: 30-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: OBLON, NORMAN F.  
 REGISTRATION NUMBER: 24618  
 REFERENCE/DOCKET NUMBER: 2589-057-OPCT  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "SYNTHETIC DNA"  
US-08-809-297-14

Query Match 0.5%; Score 10; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCA 886  
|||||  
Db 3 TCAGGCACCA 12

## RESULT 721

US-08-809-297-14/c  
; Sequence 14, Application US/08809297  
; Patent No. 5948650  
; GENERAL INFORMATION:  
; APPLICANT: ARAKI, SHIGEKI  
; APPLICANT: TSUCHIYA, YOHICHI  
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN  
; TITLE OF INVENTION: HOPS  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: P.C.  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400  
; CITY: ARLINGTON  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22202

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/809,297  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP96/02121  
; FILING DATE: 26-JUL-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP HEI 7-211328  
; FILING DATE: 28-JUL-1995  
; PRIOR APPLICATION DATA: JP HEI 8-130586  
; APPLICATION NUMBER: JP HEI 8-130586  
; FILING DATE: 30-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: OBLON, NORMAN F.  
; REGISTRATION NUMBER: 24618  
; REFERENCE/DOCKET NUMBER: 2589-057-0PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 413-3000  
; TELEFAX: (703) 413-2220

INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "SYNTHETIC DNA"  
US-08-809-297-14

Query Match 0.5%; Score 10; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 271 GTGCCTGACC 280  
|||||  
Db 10 GTGCCTGACC 1

## RESULT 722

US-08-809-297-47  
; Sequence 47, Application US/08809297  
; Patent No. 5948650  
; GENERAL INFORMATION:  
; APPLICANT: ARAKI, SHIGEKI  
; APPLICANT: TSUCHIYA, YOHICHI  
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN  
; TITLE OF INVENTION: HOPS  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: P.C.  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400  
; CITY: ARLINGTON  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22202

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/809,297  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP96/02121  
; FILING DATE: 26-JUL-1996  
; PRIOR APPLICATION DATA: JP HEI 7-211328  
; APPLICATION NUMBER: JP HEI 7-211328  
; FILING DATE: 28-JUL-1995

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP HEI 8-130586  
; FILING DATE: 30-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: OBLON, NORMAN F.  
; REGISTRATION NUMBER: 24618

REFERENCE/DOCKET NUMBER: 2589-057-0PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 413-3000  
; TELEFAX: (703) 413-2220

INFORMATION FOR SEQ ID NO: 47:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "SYNTHETIC DNA"  
US-08-809-297-47

Query Match 0.5%; Score 10; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCA 886  
|||||  
Db 3 TCAGGCACCA 12

## RESULT 723

US-08-809-297-47/c  
; Sequence 47, Application US/08809297  
; Patent No. 5948650  
; GENERAL INFORMATION:  
; APPLICANT: ARAKI, SHIGEKI  
; APPLICANT: TSUCHIYA, YOHICHI  
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN  
; TITLE OF INVENTION: HOPS  
; NUMBER OF SEQUENCES: 48

```
/
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
/ ADDRESSEE: P.C.
/ STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
/ CITY: ARLINGTON
/ STATE: VA
/ COUNTRY: USA
/ ZIP: 22202
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/809,297
/ FILING DATE: 06-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/JP96/02121
/ FILING DATE: 26-JUL-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP HEI 7-211328
/ FILING DATE: 28-JUL-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP HEI 8-130586
/ FILING DATE: 30-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: OBLON, NORMAN F.
/ REGISTRATION NUMBER: 24618
/ REFERENCE/DOCKET NUMBER: 2589-057-0PCT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 413-3000
/ TELEFAX: (703) 413-2220
/ INFORMATION FOR SEQ ID NO: 47:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 12 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "SYNTHETIC DNA"
/
/ US-08-809-297-47
/
/ Query Match 0.5%; Score 10; DB 1; Length 12;
/ Best Local Similarity 100.0%; Pred. No. 3.1e+02;
/ Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 271 GTGCCTGACC 280
/ Db 10 GTGCCTGACC 1
/
/ RESULT 724
/ US-08-462-467B-29
/ Sequence 29, Application US/08462467B
/ Patent No. 6210899
/ GENERAL INFORMATION:
/ APPLICANT: Rosenbaum, Jan S
/ TITLE OF INVENTION: The Use of a BMP Protein Receptor
/ TITLE OF INVENTION: Complex for Screening Bone Metabolism Actives and Cells
/ TITLE OF INVENTION: Co-Transfected With a Type II BMP Receptor and a Type I
/ TITLE OF INVENTION: BMP Receptor
/ NUMBER OF SEQUENCES: 39
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: The Procter & Gamble Company
/ STREET: 11810 East Miami River Road
/ CITY: Ross
/ STATE: OH
/ COUNTRY: USA
/ ZIP: 45061
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
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/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/462,467B
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Hersko, Bart S.
/ REGISTRATION NUMBER: 32,572
/ REFERENCE/DOCKET NUMBER: 5474R
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (513) 627-0633
/ TELEFAX: (513) 627-0260
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 12 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/
/ US-08-462-467B-29
/
/ Query Match 0.5%; Score 10; DB 1; Length 12;
/ Best Local Similarity 70.0%; Pred. No. 3.1e+02;
/ Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 1039 ACTACTACTA 1048
/ Db 3 ACUACUACUA 12
/
/ RESULT 725
/ US-09-281-418-156/C
/ Sequence 156, Application US/09281418
/ Patent No. 6287769
/ GENERAL INFORMATION:
/ APPLICANT: Inoue, Takakazu
/ TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
/ TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
/ TITLE OF INVENTION: nisms and Method of Assaying Contaminant
/ FILE REFERENCE: 9982-7
/ CURRENT APPLICATION NUMBER: US/09/281,418
/ CURRENT FILING DATE: 1999-03-30
/ EARLIER APPLICATION NUMBER: JP/1998/87651
/ EARLIER FILING DATE: 1998-03-31
/ EARLIER APPLICATION NUMBER: JP/1999/69694
/ EARLIER FILING DATE: 1999-03-16
/ NUMBER OF SEQ ID NOS: 216
/ SEQ ID NO 156
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
/
/ US-09-281-418-156
/
/ Query Match 0.5%; Score 10; DB 1; Length 12;
/ Best Local Similarity 100.0%; Pred. No. 3.1e+02;
/ Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 1234 ACAGCCCTCG 1243
/ Db 11 ACAGCCCTCG 2
/
/ RESULT 726
/ US-09-281-418-202
/ Sequence 202, Application US/09281418
/ Patent No. 6287769
/ GENERAL INFORMATION:
/ APPLICANT: Inoue, Takakazu
/ TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
/ TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
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```

; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 202
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-281-418-202

Query Match      0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCA 886
Db 3 TCAGGCACCA 12

RESULT 727
US-09-281-418-202/c
; Sequence 202, Application US/09281418
; Patent No. 6287769
; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA F
; TITLE OF INVENTION: agent, Method of Assaying Microorganisms, Method of Analyzing Mi
; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 202
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-281-418-202

Query Match      0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 271 GTGCCTGACC 280
Db 10 GTGCCTGACC 1

RESULT 728
US-09-004-838-139
; Sequence 139, Application US/09004838
; Patent No. 6350933
; GENERAL INFORMATION:
; APPLICANT: Michelmore, Richard W.
; APPLICANT: Shen, Kathy
; APPLICANT: Meyers, Blake
; TITLE OF INVENTION: Procedures and Materials for
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/004,838
; FILING DATE: 09-JAN-1998
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/781,734
; FILING DATE: 10-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Einhorn, Gregory P.
; REGISTRATION NUMBER: 38,440
; REFERENCE/DOCKET NUMBER: 023070-078810US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 139:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-09-004-838-139

Query Match      0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 70.0%; Pred. No. 3.1e+02;
Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTA 1048
Db 3 ACUACUACUA 12

RESULT 729
US-08-608-584-10
; Sequence 10, Application US/08608584
; Patent No. 5667994
; GENERAL INFORMATION:
; APPLICANT: Dilly, Karen A.
; APPLICANT: Bustos, Silvia A.
; APPLICANT: Rostkowski, Christine A.
; APPLICANT: Berger, Dolores
; TITLE OF INVENTION: AMPLIFICATION AND DETECTION OF
; TITLE OF INVENTION: MYCOBACTERIUM AVIUM COMPLEX SPECIES
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: US
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/608,584
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
```

REFERENCE/DOCKET NUMBER: P-3550

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 13 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-608-584-10

Query Match 0.5%; Score 10; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1242 CGCCTCCGAC 1251

Db 4 CGCCTCCGAC 13

RESULT 730

US-08-520-194-7

Sequence 7, Application US/08520194

Patent No. 5681705

GENERAL INFORMATION:

APPLICANT: Schram, James L.

APPLICANT: Nadeau, James G.

APPLICANT: Dean, Cheryl H.

TITLE OF INVENTION: AMPLIFICATION AND DETECTION OF

TITLE OF INVENTION: MYCOBACTERIUM AVIUM COMPLEX SPECIES

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Richard J. Rodrick, Becton Dickinson and

ADDRESS: Company

STREET: 1 Becton Drive

CITY: Franklin Lakes

STATE: NJ

COUNTRY: US

ZIP: 07417

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/520,194

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Fugit, Donna R.

REGISTRATION NUMBER: 32,135

REFERENCE/DOCKET NUMBER: P-3274

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 13 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-520-194-7

Query Match 0.5%; Score 10; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1242 CGCCTCCGAC 1251

Db 4 CGCCTCCGAC 13

RESULT 731

US-09-474-432B-177/c

Sequence 177, Application US/09474432B

Patent No. 6528640

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Burgin, Alex

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka

APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle

FILE REFERENCE: MHB00-831-B (247/276)

CURRENT APPLICATION NUMBER: US/09/474,432B

PRIOR FILING DATE: 1999-12-19

PRIOR APPLICATION NUMBER: US 60/064,866

PRIOR FILING DATE: 1997-11-05

PRIOR APPLICATION NUMBER: US 09/186,675

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: US 09/301,511

PRIOR FILING DATE: 1999-04-28

PRIOR APPLICATION NUMBER: US 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: 60/083,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/064,866

PRIOR FILING DATE: 1997-11-05

NUMBER OF SEQ ID NOS: 1524

SOFTWARE: Patent in version 3.0

SEQ ID NO 177

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-09-474-387-177

Query Match 0.5%; Score 10; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;

Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1055 TGGCCCCAAA 1064

Db 10 TGGCCCCAAA 1

RESULT 732

US-09-476-387-177/c

Sequence 177, Application US/09476387

Patent No. 6617438

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka

APPLICANT: Sweedler, Dave

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle

FILE REFERENCE: MHB00-831-C (249/073)

CURRENT APPLICATION NUMBER: US/09/476,387

CURRENT FILING DATE: 2001-04-04

PRIOR APPLICATION NUMBER: 09/474,432

PRIOR FILING DATE: 1999-12-29

PRIOR APPLICATION NUMBER: 09/301,511

PRIOR FILING DATE: 1999-04-28

PRIOR APPLICATION NUMBER: 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: 60/083,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/064,866

PRIOR FILING DATE: 1997-11-05

NUMBER OF SEQ ID NOS: 1524

SOFTWARE: Patent in version 3.0

SEQ ID NO 177

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-09-476-387-177

Query Match 0.5%; Score 10; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;

Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1055 TGGCCCCAAA 1064

Db 10 TGGCCCCAAA 1

Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1055 TGGCCCCAAA 1064  
|||  
Db 10 TGGCCCCAAA 1

RESULT 733  
US-08-068-945A-24  
; Sequence 24, Application US/08068945A  
; Patent No. 5616483  
; GENERAL INFORMATION:  
; APPLICANT: Bjursell, Gunnar  
; APPLICANT: Carlsson, Peter  
; APPLICANT: Enerback, Sven  
; APPLICANT: Hansson, Lennart  
; APPLICANT: Lidberg, Ulf  
; APPLICANT: Nilsson, Jeanette  
; APPLICANT: Tornell, Jan  
; TITLE OF INVENTION: New DNA Sequences  
; NUMBER OF SEQUENCES: 58  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: White & Case  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States  
; ZIP: 10036-2787  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/08/068,945A  
; FILING DATE: 27-MAY-1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9201809-2  
; FILING DATE: 11-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9201826-6  
; FILING DATE: 12-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9202088-2  
; FILING DATE: 03-JUL-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9300902-5  
; FILING DATE: 19-MAR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sterner, Richard J.  
; REGISTRATION NUMBER: 35,372  
; REFERENCE/DOCKET NUMBER: 1103326-052  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212)819-8783  
; TELEFAX: (212)354-8113  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-068-945A-24

Query Match 0.5%; Score 10; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 501 GGAGTGTGAG 510  
|||  
Db 3 GGAGTGTGAG 12

RESULT 734  
US-08-442-806-24

; Sequence 24, Application US/08442806  
; Patent No. 5716817  
; GENERAL INFORMATION:  
; APPLICANT: Bjursell, Gunnar  
; APPLICANT: Carlsson, Peter  
; APPLICANT: Enerback, Sven  
; APPLICANT: Hansson, Lennart  
; APPLICANT: Lidberg, Ulf  
; APPLICANT: Nilsson, Jeanette  
; APPLICANT: Tornell, Jan  
; TITLE OF INVENTION: Genomic DNA Sequences  
; NUMBER OF SEQUENCES: 58  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: White & Case  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States  
; ZIP: 10036-2787  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/08/442,806  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/068,945  
; FILING DATE: 27-MAY-1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9201809-2  
; FILING DATE: 11-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9201826-6  
; FILING DATE: 12-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9202088-2  
; FILING DATE: 03-JUL-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9300902-5  
; FILING DATE: 19-MAR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sterner, Richard J.  
; REGISTRATION NUMBER: 35,372  
; REFERENCE/DOCKET NUMBER: 1103326-052  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212)819-8783  
; TELEFAX: (212)354-8113  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-442-806-24

Query Match 0.5%; Score 10; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 501 GGAGTGTGAG 510  
|||  
Db 3 GGAGTGTGAG 12



RESULT 735  
US-08-765-340-150/c  
; Sequence 150, Application US/08765340  
; Patent No. 6150092  
; GENERAL INFORMATION:  
; APPLICANT: UCHIDA, K.,  
; APPLICANT: UCHIDA, T.,  
; APPLICANT: TANAKA, Y.,  
; APPLICANT: MATSUDA, Y.,  
; APPLICANT: KONDO, S.,  
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
; TITLE OF INVENTION: COMPOUND  
; NUMBER OF SEQUENCES: 185  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/765,340  
; FILING DATE: 23-DEC-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 145146/94  
; FILING DATE: 27-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 311130/94  
; FILING DATE: 21-NOV-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SERUNIAN, LESLIE  
; REGISTRATION NUMBER: 35,353  
; REFERENCE/DOCKET NUMBER: 1452-4005  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-4800  
; TELEFAX: (212) 751-6849  
; INFORMATION FOR SEQ ID NO: 150:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic DNA"  
US-08-765-340-150  
Query Match 0.5%; Score 10; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 818 GCCTGGAGTG 827  
DB 13 GCCTGGAGTG 4  
RESULT 736  
US-08-237-233-5/c  
; Sequence 5, Application US/08237233  
; Patent No. 5414077  
; GENERAL INFORMATION:  
; APPLICANT: LIN, KOEI-YING  
; APPLICANT: MATTEUCCI, MARK  
; TITLE OF INVENTION: PSEUDONUCLEOSIDES AND  
; TITLE OF INVENTION: PSEUDONUCLEOTIDES AND THEIR POLYMERS  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: IRELL & MANELLA

STREET: 545 MIDDLEFIELD ROAD, SUITE 200  
CITY: MENLO PARK  
STATE: CA  
COUNTRY: USA  
ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/237,233  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/594147  
; FILING DATE: 09-OCT-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MURASHIGE, KATE H.  
; REGISTRATION NUMBER: 29959  
; REFERENCE/DOCKET NUMBER: 4610-0006.20  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-327-7250  
; TELEFAX: 415-327-2951  
; TELEX: 706141  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-237-233-5  
Query Match 0.5%; Score 10; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1016 AAAAGAGGG 1025  
DB 10 AAAAGAGGG 1  
RESULT 737  
US-08-173-489C-185  
; Sequence 185, Application US/08173489C  
; Patent No. 5861244  
; GENERAL INFORMATION:  
; APPLICANT: WANG, C. -G.  
; APPLICANT: HEPBURN, A. G.  
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
; NUMBER OF SEQUENCES: 365  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
; STREET: 510 EAST 73RD STREET,  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10021  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
; COMPUTER: IBM PC/XT/AT  
; OPERATING SYSTEM: MS-DOS version 6.2  
; SOFTWARE: Wordperfect Version 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/173,489C  
; FILING DATE: 22 DEC 1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/968,436  
; FILING DATE: 29 OCT 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Handelman, Joseph H.

REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 185:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double stranded  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
DESCRIPTION: hepatitis B virus adw2 isolate,  
HYPOTHETICAL: no  
ANTI-SENSE: no  
ORIGINAL SOURCE:  
ORGANISM: Hepatitis B virus  
INDIVIDUAL ISOLATE: adw2  
PUBLICATION INFORMATION:  
AUTHORS: Valenzuela, P., Quiroga, M., Zaldivar, J.,  
AUTHORS: Gray, P., Ruter, W. J.  
TITLE: The nucleotide sequence of  
the Hepatitis B viral genome and the  
identification of the major viral genes  
JOURNAL: In "Animal Virus Genetics", Fields, B. N.,  
JOURNAL: Jaenisch, R., Fox C F eds  
VOLUME:  
PAGES: 57-70  
DATE: 1980  
RELEVANT RESIDUES IN SEQ ID NO: 185 :FROM 1 TO 14  
US-08-173-489C-185  
Query Match 0.5%; Score 10; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 935 TCCTCTTCAT 944  
Db 2 TCCTCTTCAT 11  
RESULT 738  
US-08-173-489C-197  
Sequence 197, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEPBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.

REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 197:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double stranded  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
DESCRIPTION: hepatitis B virus adr isolate,  
HYPOTHETICAL: no  
ANTI-SENSE: no  
ORIGINAL SOURCE:  
ORGANISM: Hepatitis B virus  
INDIVIDUAL ISOLATE: adr  
PUBLICATION INFORMATION:  
AUTHORS: Fujiyama, A., Miyahara, A., No. 5861244aki, C.,  
AUTHORS: Toneyama, T., Ohromo, N., Matsubara, K.  
TITLE: Cloning and structural  
analysis of Hepatitis B virus DNAs subtype adr  
JOURNAL: Nucleic Acids Research  
VOLUME: 11  
PAGES: 4601-4610  
DATE: 1983  
RELEVANT RESIDUES IN SEQ ID NO: 197 :FROM 1 TO 14  
US-08-173-489C-197  
Query Match 0.5%; Score 10; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 935 TCCTCTTCAT 944  
Db 2 TCCTCTTCAT 11  
RESULT 739  
US-08-765-340-149  
Sequence 149, Application US/08765340  
Patent No. 6150092  
GENERAL INFORMATION:  
APPLICANT: UCHIDA, K.,  
APPLICANT: UCHIDA, T.,  
APPLICANT: TANAKA, Y.,  
APPLICANT: MATSUDA, Y.,  
APPLICANT: KONDO, S.  
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
COMPOUND  
NUMBER OF SEQUENCES: 185  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.,  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version  
SOFTWARE: #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,340  
FILING DATE: 23-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 145146/94  
FILING DATE: 27-JUN-1994  
PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-765-340-149

Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1080 CACTCCAGGC 1089
Db 1 CACTCCAGGC 10

RESULT 740
US-08-765-340-149/c
; Sequence 149, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUO, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-765-340-149

Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 818 GCCTGGAGTG 827
Db 10 GCCTGGAGTG 1

RESULT 741
US-09-230-652-36
; Sequence 36, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 36
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-09-230-652-36

Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1137 CTCACGCTCC 1146
Db 3 CTCACGCTCC 12

RESULT 742
5194595-18/c
; Patent No. 5194595
; APPLICANT: WATHEN, MICHAEL W.
; TITLE OF INVENTION: CHIMERIC GLYCOPROTEINS CONTAINING
; IMMUNOGENIC SEGMENT OF THE GLYCOPROTEINS OF HUMAN RESPIRATORY
; SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 19
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/543,780
; FILING DATE: 31-OCT-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 137,387
; FILING DATE: 23-DEC-1987
; SEQ ID NO:18
; LENGTH: 14
; 5194595-18
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; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
; US-08-275-526C-8

Query Match      0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 987 CTCCTATTGTT 996
DB 14 CTCCTATTGTT 5

RESULT 743
5214136-13/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; NATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:13:
; LENGTH: 14
; 5214136-13

Query Match      0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1016 AAAAGAGGG 1025
DB 10 AAAAGAGGG 1

RESULT 744
US-08-275-526C-8/c
; Sequence 8, Application US/08275526C
; Patent No. 6180382
; GENERAL INFORMATION:
; APPLICANT: DE BUYL, ERIC
; APPLICANT: LAHAYE, ANDR E
; APPLICANT: LEDOUX, PIERRE
; APPLICANT: AMORY, ANTOINE
; APPLICANT: DETROZ, REN
; APPLICANT: ANDRE, CHRISTOPHE
; APPLICANT: VETTER, ROMAN
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
; EXPRESSION VECTORS FOR SUCH XYLANASE AND
; TITLE OF INVENTION: OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
; USE THEREOF
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
; STREET: 2000 K St., N.W., Suite 200
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 15-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gadiano, Willem F.
; REGISTRATION NUMBER: 37,136
; REFERENCE/DOCKET NUMBER: 4121-49
; TELEPHONE: (202) 429-0625
; TELEFAX: (202) 293-0625
; US-09-076-677-8
```

```
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
; US-08-275-526C-8

Query Match      0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 630 TGGCTGCAGG 639
DB 10 TGGCTGCAGG 1

RESULT 745
US-09-076-677-8/c
; Sequence 8, Application US/09076677
; Patent No. 6423523
; GENERAL INFORMATION:
; APPLICANT: DE BUYL, ERIC
; APPLICANT: LAHAYE, ANDREE
; APPLICANT: LEDOUX, PIERRE
; APPLICANT: AMORY, ANTOINE
; APPLICANT: DETROZ, RENE
; APPLICANT: ANDRE, CHRISTOPHE
; APPLICANT: VETTER, ROMAN
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
; EXPRESSION VECTORS FOR SUCH XYLANASE AND
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
; USE THEREOF
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
; STREET: 2000 K St., N.W., Suite 200
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 12-May-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/275,526
; FILING DATE: 15-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gadiano, Willem F.
; REGISTRATION NUMBER: 37,136
; REFERENCE/DOCKET NUMBER: 4121-49
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 429-0625
; TELEFAX: (202) 293-0625
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-076-677-8

Query Match      0.5%; Score 10; DB 1; Length 14;
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Best Local Similarity 100.0%; Pred. No. 4.8e+02; Mismatches 0; Indels 0; Gaps 0;

QY 630 TGGCTGCAGG 639  
| | | | |  
Db 10 TGGCTGCAGG 1

## RESULT 746

US-09-073-055-8/c  
; Sequence 8, Application US/09073055  
; Patent No. 6426211  
; GENERAL INFORMATION:  
; APPLICANT: DE BUIL, ERIC  
; LAHAYE, ANDR E  
; LEDOUX, PIERRE  
; AMORY, ANTOINE  
; DETROZ, REN  
; ANDRE, CHRISTOPHE  
; VETTER, ROMAN  
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,  
; EXPRESSION VECTORS FOR SUCH XYLANASE AND  
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND  
; USE THEREOF

NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESS: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.  
STREET: 2000 K St., N.W., Suite 200  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20006

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,055  
FILING DATE: 05-May-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/275,526  
FILING DATE: 15-JUL-1994

ATTORNEY/AGENT INFORMATION:  
NAME: Gadiano, William F.  
REGISTRATION NUMBER: 37,136  
REFERENCE/DOCKET NUMBER: 4121-49  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 429-0625  
TELEFAX: (202) 293-0625

INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Query Match 0.5%; Score 10; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02; Mismatches 0; Indels 0; Gaps 0;

QY 630 TGGCTGCAGG 639  
| | | | |  
Db 10 TGGCTGCAGG 1

## RESULT 747

US-09-043-816E-29

; Sequence 29, Application US/09043816E  
; Patent No. 6414128  
; GENERAL INFORMATION:  
; APPLICANT: Hilton, Douglas J.  
; APPLICANT: Willson, Tracy  
; APPLICANT: Nicola, Nicos A.  
; APPLICANT: Gainsford, Timothy  
; APPLICANT: Alexander, Warren S.  
; APPLICANT: Metcalf, Donald  
; APPLICANT: Ng, Ashley  
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES  
; FILE REFERENCE: 11268  
; CURRENT APPLICATION NUMBER: US/09/043,816E  
; CURRENT FILING DATE: 1998-09-17  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 29  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-043-816E-29

Query Match 0.5%; Score 10; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02; Mismatches 0; Indels 0; Gaps 0;

QY 672 CCTTTCCAG 681  
| | | | |  
Db 1 CCTTTCCAG 10

## RESULT 748

PCT-US91-03680-96/c  
; Sequence 96, Application PC/TUS9103680  
; GENERAL INFORMATION:  
; APPLICANT: Krawczyk, Steven  
; APPLICANT: Matteucci, Mark D.  
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED  
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF  
; TITLE OF INVENTION: DUPLEX DNA  
; NUMBER OF SEQUENCES: 158  
; CORRESPONDENCE ADDRESS:  
ADDRESSES: Morrison & Foerster  
STREET: 545 Middlefield Road, Suite 200  
CITY: Menlo Park  
STATE: California  
COUNTRY: USA  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/03680  
FILING DATE: 19910524  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 4610-0011.40  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-327-7250  
TELEFAX: 415-327-2951  
INFORMATION FOR SEQ ID NO: 96:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single

```
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
; OTHER INFORMATION: ring)"
PCT-US91-03680-96
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Query Match 0.5%; Score 10; DB 1; Length 16;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
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QY 59 GAGAAATTTAAA 70
Db 16 GAGAAAGKAAA 5
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RESULT 749
US-08-937-580-9
; Sequence 9, Application US/08937580
; Patent No. 6013510
; GENERAL INFORMATION:
; APPLICANT: Harris, James M.
; TITLE OF INVENTION: Identification of a DNA Region
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium
; TITLE OF INVENTION: Kansasii
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07417-6800
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,580
; FILING DATE: 25-SEP-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3690/5510-13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-847-7166
; TELEFAX: 201-848-9228
```

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; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-937-580-9
Query Match 0.5%; Score 10; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 8.3e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 294 GGTGCTCCTGGAGCTGTT 311
Db 1 GGTGGAGATGGAGATGTT 18
RESULT 750
US-09-336-039-9
; Sequence 9, Application US/09336039
; Patent No. 6291176
; GENERAL INFORMATION:
; APPLICANT: Harris, James M.
; TITLE OF INVENTION: Identification of a DNA Region
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium
; TITLE OF INVENTION: Kansasii
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07417-6800
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/336,039
; FILING DATE: 18-Jun-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/937,580
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3690/5510-13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-847-7166
; TELEFAX: 201-848-9228
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-336-039-9
Query Match 0.5%; Score 10; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 8.3e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 294 GGTGCTCCTGGAGCTGTT 311
Db 1 GGTGGAGATGGAGATGTT 18
```

## RESULT 751

US-09-165-264-10/c  
; Sequence 10, Application US/09165264  
; Patent No. 6197510  
; GENERAL INFORMATION:  
; APPLICANT: Virayagamoorthy, Thuraiayah  
; TITLE OF INVENTION: Multi-Loci Genomic Analysis  
; FILE REFERENCE: 44747  
; CURRENT APPLICATION NUMBER: US/09/165,264  
; CURRENT FILING DATE: 1998-10-01  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Primer sequence

US-09-165-264-10

Query Match 0.5%; Score 10; DB 1; Length 19;  
Best Local Similarity 72.2%; Pred. No. 8.9e+02;  
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 274 CCTGACCTGCTGCTGCCG 291  
||||| |||||  
DB 19 CCTGATAGGCTGCTGCAG 2

## RESULT 752

US-09-517-467B-308/c  
; Sequence 308, Application US/09517467B  
; Patent No. 6451602  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION  
; FILE REFERENCE: RTS-0150  
; CURRENT APPLICATION NUMBER: US/09/517,467B  
; CURRENT FILING DATE: 2001-03-02  
; PRIOR APPLICATION NUMBER: 09/517,467  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 345  
; SEQ ID NO 308  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-517-467B-308

Query Match 0.5%; Score 10; DB 1; Length 20;  
Best Local Similarity 72.2%; Pred. No. 9.4e+02;  
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCATCCTT 1230  
||||| |||||  
DB 18 GGAGCTGTCCTCACACTT 1

## RESULT 753

US-09-422-978-7116  
; Sequence 7116, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/398,850

; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7116  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-24210 for SEQ 3182,  
US-09-422-978-7116

Query Match 0.5%; Score 10; DB 1; Length 20;  
Best Local Similarity 72.2%; Pred. No. 9.4e+02;  
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2144 CACTAAATTCGAAATT 2161  
||||| |||||  
DB 2 CCTACCATTCCTCAATT 19

## RESULT 754

US-08-068-945A-24/c  
; Sequence 24, Application US/08068945A  
; Patent No. 5616483  
; GENERAL INFORMATION:

; APPLICANT: Bjursell, Gunnar  
; APPLICANT: Carlsson, Peter  
; APPLICANT: Enerback, Sven  
; APPLICANT: Hansson, Lennart  
; APPLICANT: Lidberg, Ulf  
; APPLICANT: Nilsson, Jeanette  
; APPLICANT: Tornell, Jan  
; TITLE OF INVENTION: New DNA Sequences  
; NUMBER OF SEQUENCES: 58  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: White & Case  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States  
; ZIP: 10036-2787  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/068,945A  
; FILING DATE: 27-MAY-1993  
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9201809-2  
; FILING DATE: 11-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9201826-6  
; FILING DATE: 12-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9202088-2  
; FILING DATE: 03-JUL-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 9300902-5  
; FILING DATE: 19-MAR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Steiner, Richard J.  
; REGISTRATION NUMBER: 35,372  
; REFERENCE/DOCKET NUMBER: 1103326-052  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212)819-8783

TELEFAX: (212)354-8113  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-068-945A-24

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1075 ACTCCACTCCAG 1087  
DB 13 ACTCACTCCAG 1

RESULT 755  
US-08-456-420-4  
Sequence 4, Application US/08456420  
Patent No. 5670634  
GENERAL INFORMATION:  
APPLICANT: Marotta, Charles A.  
APPLICANT: Majocha, Ronald E.  
APPLICANT: Agrawal, Sudhir  
TITLE OF INVENTION: Reversal of Beta/A4 Amyloid  
TITLE OF INVENTION: Peptide-Induced Morphological Changes in Neuronal Cells by  
TITLE OF INVENTION: Antisense Oligonucleotides  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: District of Columbia  
COUNTRY: United States of America  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/456,420  
FILING DATE:  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/128,035  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Estmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4010000  
TELEPHONE: (202)371-2600  
TELEFAX: (202)371-2540  
TELEX: 248636 SSK  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-456-420-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 975 GTCCAGCTCTAC 987  
DB 1 GTCCAGCGCTAC 13

RESULT 756  
US-08-250-740-30  
Sequence 30, Application US/08250740  
Patent No. 5686240  
GENERAL INFORMATION:  
APPLICANT: Schuchman, Edward H.  
APPLICANT: Desnick, Robert J.  
TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis  
TITLE OF INVENTION: of Niemann-Pick Disease  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/250,740  
FILING DATE: 27-MAY-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30742  
REFERENCE/DOCKET NUMBER: 6923-038  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-3090  
TELEFAX: (212) 869-8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-250-740-30

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1259 CCAACCCCTTCA 1271  
DB 1 CCTCCCTTCA 13

RESULT 757  
US-08-250-740-31  
Sequence 31, Application US/08250740  
Patent No. 5686240  
GENERAL INFORMATION:  
APPLICANT: Schuchman, Edward H.  
APPLICANT: Desnick, Robert J.  
TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis  
TITLE OF INVENTION: of Niemann-Pick Disease  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk



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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 27-MAY-1994
; APPLICATION NUMBER: US/08/250,740
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30742
; REFERENCE/DOCKET NUMBER: 6923-038
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-250-740-31

Query Match      0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e-02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1259 CCAACCCCTTCA 1271
DB 1 CCCTCCCTTCA 13

RESULT 758
US-08-442-806-24/c
; Sequence 24, Application US/08442806
; Patent No. 5716817
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: Genomic DNA Sequences
; TITLE OF INVENTION: Encoding Human BSSL/CEL
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,806
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/068,945
; FILING DATE: 27-MAY-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201609-2
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201826-6

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; FILING DATE: 12-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9202088-2
; FILING DATE: 03-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9300902-5
; FILING DATE: 19-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Sterner, Richard J.
; REGISTRATION NUMBER: 35,372
; REFERENCE/DOCKET NUMBER: 1103326-052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 819-8783
; TELEFAX: (212) 354-8113
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-442-806-24

Query Match      0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e-02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAG 1087
DB 13 ACTCACACTCCAG 1

RESULT 759
US-08-441-887A-268/c
; Sequence 268, Application US/08441887A
; Patent No. 5837832
; GENERAL INFORMATION:
; APPLICANT: Chee, Mark
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Huang, Xiaohua X.
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Lipschutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes on
; TITLE OF INVENTION: Biological Chips
; NUMBER OF SEQUENCES: 360
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,887A
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/082,937
; FILING DATE: 25-JUN-1993
; ATTORNEY/AGENT INFORMATION:

```

NAME: Liebeschuetz, Joseph O.  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 018547-004160US  
TELEPHONE: 650-326-2400  
TELEFAX: 650-326-2422  
INFORMATION FOR SEQ ID NO: 268:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (probe)  
US-08-441-887A-268

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTGTGCTTT 922  
||| ||| ||| |||  
Db 13 TTCTGTGTTCTT 1

RESULT 760  
US-08-505-377-7/c  
Sequence 7, Application US/08505377  
Patent No. 5856146  
GENERAL INFORMATION:  
APPLICANT: MITSUZUMI, Hitoshi  
APPLICANT: KUBOTA Michio  
APPLICANT: SUGIMOTO, Toshiyuki  
TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH  
TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE  
NUMBER OF SEQUENCES: 19  
CURRENT APPLICATION DATA:  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Browdy and Neimark  
STREET: 419 Seventh Street N.W. Ste. 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20004

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/505.377  
FILING DATE: 21-JUL-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 190180/1994  
FILING DATE: 21-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 109128/1995  
FILING DATE: 11-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP NOT YET RECEIVED  
FILING DATE: 04-JUL-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Browdy, Roger L  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: MITSUZUMI=1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 628-5197  
TELEFAX: (202) 737-3528  
TELEX: 249888  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-505-377-7  
Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1063 AACCAAGCTTCA 1075  
||| ||| ||| ||| |||  
Db 13 AGCTCAAGCTTCA 1  
RESULT 761  
US-08-485-689-4/c  
Sequence 4, Application US/08485689  
Patent No. 5856188  
GENERAL INFORMATION:  
APPLICANT: Hampel, Arnold E.  
APPLICANT: Tritz, Richard H.  
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States Of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/485,689  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 43863-CLX/JPW/KJP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-278-0526  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-485-689-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 784 AACGAGTGTGCT 796  
||| ||| ||| ||| |||  
Db 13 AACGTGTGTTCT 1

RESULT 762  
US-08-476-021A-4/c  
Sequence 4, Application US/08476021A  
Patent No. 5858785  
GENERAL INFORMATION:  
APPLICANT: Hampel, Arnold E.  
APPLICANT: Tritz, Richard H.  
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States Of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/476,021A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP  
TELEPHONE: 212-278-0400  
TELEFAX: 212-278-0526  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: linear  
TOPOLOGY: linear  
US-08-476-021A-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 AACGAGTGTCT 796  
Db 13 AACGTGTCTCT 1

RESULT 763  
US-08-173-489C-56  
Sequence 56, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEPBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44mb storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: third strand derived from HER-2  
HYPOTHETICAL: Yes  
ANTI-SENSE: No  
PUBLICATION INFORMATION:  
RELEVANT RESIDUES IN SEQ ID NO: 56 :FROM 1 TO 13  
US-08-173-489C-56

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTATCCCTC 936  
Db 1 CCTTTCCCTC 13

RESULT 764  
US-08-478-608B-4/c  
Sequence 4, Application US/08478608B  
Patent No. 5869339  
GENERAL INFORMATION:  
APPLICANT: Hamel, Arnold E.  
APPLICANT: Tritz, Richard H.  
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States Of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,608B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 43863-CLZ/JPW/KJP  
TELEPHONE: 212-278-0400  
TELEFAX: 212-278-0526  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-478-608B-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 AACGAGTGTCT 796

Db 13 AACGTGTTCT 1  
|||||

RESULT 765  
US-08-544-381B-29  
; Sequence 29, Application US/08544381B  
; Patent No. 6027880  
; GENERAL INFORMATION:  
; APPLICANT: Cronin, Maureen T.  
; APPLICANT: Miyada, Charles Garrett  
; APPLICANT: Hubbell, Earl A.  
; APPLICANT: Chee, Mark  
; APPLICANT: Fodor, Stephen P.A.  
; APPLICANT: Huang, Xiaohua C.  
; APPLICANT: Lipshutz, Robert J.  
; APPLICANT: Lobban, Peter E.  
; APPLICANT: Morris, Macdonald S.  
; APPLICANT: Sheldon, Edward L.  
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for  
; TITLE OF INVENTION: Detecting Cystic Fibrosis  
; NUMBER OF SEQUENCES: 250  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/544,381B  
; FILING DATE: 10-OCT-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/510,521  
; FILING DATE: 02-AUG-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/12305  
; FILING DATE: 26-OCT-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/284,064  
; FILING DATE: 02-AUG-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/143,312  
; FILING DATE: 26-OCT-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Liebeschuetz, Joe  
; REGISTRATION NUMBER: 37,505  
; REFERENCE/DOCKET NUMBER: 018547-004130US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-576-0200  
; TELEFAX: 415-576-0300  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (oligonucleotide)  
US-08-544-381B-29

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred No. 4.4e-02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTGTTCCTT 927  
|||||  
Db 1 TGGTGTTCCTT 13

RESULT 766  
US-08-798-269-7/c  
; Sequence 7, Application US/08798269  
; Patent No. 6027918  
; GENERAL INFORMATION:  
; APPLICANT: MITSUZUMI, Hitoshi  
; APPLICANT: KUBOTA, Michio  
; APPLICANT: SUGIMOTO, Toshiyuki  
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH  
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Browdy and Neimark  
; STREET: 419 Seventh Street N.W. Ste. 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/798,269  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/505,377  
; FILING DATE: 21-JUL-1995  
; APPLICATION NUMBER: JP 190180/1994  
; FILING DATE: 21-JUL-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 109128/1995  
; FILING DATE: 11-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP NOT YET RECEIVED  
; FILING DATE: 04-JUL-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Browdy, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: MITSUZUMI-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 628-5197  
; TELEFAX: (202) 737-3528  
; TELEX: 249688  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-798-269-7

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred No. 4.4e-02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1063 AACCAAGCTTCA 1075  
|||||  
Db 13 AGCTCAAGCTTCA 1

RESULT 767  
US-08-180-470-36/c  
; Sequence 36, Application US/08180470  
; Patent No. 6045994  
; GENERAL INFORMATION:  
; APPLICANT: ZABEAU, Marc  
; APPLICANT: VOS, Pieter

;; TITLE OF INVENTION: SELECTIVE RESTRICTION FRAGMENT  
;; TITLE OF INVENTION: AMPLIFICATION: A GENERAL METHOD FOR DNA  
;; NUMBER OF SEQUENCES: 90  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Burns, Doane, Swecker & Mathis  
;; STREET: The George Mason Bldg., Washington & Prince  
;; STREET: Sts.  
;; CITY: Alexandria  
;; STATE: Virginia  
;; COUNTRY: United States  
;; ZIP: 22313-1404  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentin Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/180,470  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 07/950,011  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Crane-Feury, Sharon E  
;; REGISTRATION NUMBER: 36,113  
;; REFERENCE/DOCKET NUMBER: 010830-031  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (703) 836-6620  
;; TELEFAX: (703) 836-2021  
;; INFORMATION FOR SEQ ID NO: 36:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 13 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-08-180-470-36

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1225 ATCCTTCGACAG 1237  
|||||  
Db 13 ATCCATCGTCAG 1

RESULT 768  
US-09-091-058-16  
;; Sequence 16, Application US/09091058  
;; Patent No. 6054285  
;; GENERAL INFORMATION:  
;; APPLICANT: Hemmings, Brian A.  
;; TITLE OF INVENTION: Screening Method  
;; FILE REFERENCE: 4-20683/A/20684/PCT  
;; CURRENT APPLICATION NUMBER: US/09/091,058  
;; CURRENT FILING DATE: 1998-06-10  
;; EARLIER APPLICATION NUMBER: PCT/EP96/04814  
;; EARLIER FILING DATE: 1996-11-05  
;; EARLIER APPLICATION NUMBER: 9525703.6  
;; EARLIER FILING DATE: 1995-12-15  
;; NUMBER OF SEQ ID NOS: 23  
;; SOFTWARE: Patentin Ver. 2.0  
;; SEQ ID NO 16  
;; LENGTH: 13  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence:  
US-09-091-058-16

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGGG 1025  
|||||  
Db 1 CTGAAAAGAGCG 13

RESULT 769  
US-08-913-833-108  
;; Sequence 108, Application US/08913833  
;; Patent No. 6087093  
;; GENERAL INFORMATION:  
;; APPLICANT: STUYVER, LIEVEN  
;; APPLICANT: LOUWAGIE, JOOST  
;; APPLICANT: ROSSAU, RUDI  
;; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
;; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
;; NUMBER OF SEQUENCES: 164  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: ARNOLD, WHITE & DURKEE  
;; STREET: P.O. BOX 4433  
;; CITY: HOUSTON  
;; STATE: TEXAS  
;; COUNTRY: USA  
;; ZIP: 77210-4433  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/913,833  
;; FILING DATE: 15 Sep 1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/EP97/00211  
;; FILING DATE: 17 Jan 1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: EP 96870005.4  
;; FILING DATE: 26 Jan 1996  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: EP 96870081.5  
;; FILING DATE: 25 Jun 1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: KAMMERER, PATRICIA A.  
;; REGISTRATION NUMBER: 29,775  
;; REFERENCE/DOCKET NUMBER: INNS:008  
;; INFORMATION FOR SEQ ID NO: 108:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 13 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
US-08-913-833-108

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225  
|||||  
Db 1 GGGACTGACCACA 13

RESULT 770  
US-08-476-423A-4/c  
;; Sequence 4, Application US/08476423A  
;; Patent No. 6221661

GENERAL INFORMATION:  
APPLICANT: Hampel, Arnold E.  
APPLICANT: Tritz, Richard H.  
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States Of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/476,423A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-278-0526  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-476-423A-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0;

QY 784 AACGAGTGTCT 796  
|||||  
DB 13 AACGTGTTCT 1

RESULT 771  
US-09-124-238A-5/c  
Sequence 5, Application US/09124238A  
Patent No. 6300127  
GENERAL INFORMATION:  
APPLICANT: Hair, Gregory A.  
APPLICANT: Boden, Scott D.  
TITLE OF INVENTION: No. 6300127el Bone Mineralization Proteins, DNA, Vectors,  
FILE OF INVENTION: Expression Systems  
FILE REFERENCE: 06148.0115  
CURRENT APPLICATION NUMBER: US/09/124,238A  
CURRENT FILING DATE: 1998-07-29  
PRIOR APPLICATION NUMBER: 60/054,219  
PRIOR FILING DATE: 1997-07-30  
PRIOR APPLICATION NUMBER: 60/080,407  
PRIOR FILING DATE: 1998-04-02  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: MS Word  
SEQ ID NO 5  
LENGTH: 13  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Differential Display PCR Primer  
US-09-124-238A-5

Query Match 0.5%; Score 9.8; DB 1; Length 13;

Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0;

QY 1061 CAAACCCAGCTT 1073  
|||||  
DB 13 CATAGCCAGCTT 1

RESULT 772  
US-08-778-794A-87  
Sequence 87, Application US/08778794A  
Patent No. 6309823  
GENERAL INFORMATION:  
APPLICANT: Cronin, Maureen T.  
APPLICANT: Miyada, Charles Garrett  
APPLICANT: Hubbell, Earl A.  
APPLICANT: Chee, Mark  
APPLICANT: Fodor, Stephen P.A.  
APPLICANT: Huang, Xiaohua C.  
APPLICANT: Lipshutz, Robert J.  
APPLICANT: Lobban, Peter E.  
APPLICANT: Morris, MacDonald S.  
APPLICANT: Sheldon, Edward L.  
TITLE OF INVENTION: Arrays of Nucleic Acid Probes  
TITLE OF INVENTION: for Analyzing Biotransformation Genes  
NUMBER OF SEQUENCES: 156  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/778,794A  
FILING DATE: 03-JAN-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/143,312  
FILING DATE: 26-OCT-1993  
APPLICATION NUMBER: US 08/284,064  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: WO PCT/US94/12305  
FILING DATE: 26-OCT-1994  
APPLICATION NUMBER: US 08/510,521  
FILING DATE: 02-AUG-1995  
APPLICATION NUMBER: US 08/544,381  
FILING DATE: 10-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebeschuetz, Joe  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 018547-01570005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0200  
TELEX:  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-778-794A-87

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0;

QY 915 TGGTCTTGCCTT 927  
|||||  
Db 1 TGGTCTTGCCTT 13

RESULT 773  
US-09-580-794C-108  
; Sequence 108, Application US/09580794C  
; Patent No. 6331389  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwaghe, Joost  
; APPLICANT: Rossau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; TITLE OF INVENTION: TRANSCRIPTASE GENE  
; FILE REFERENCE: INNS008--2  
; CURRENT APPLICATION NUMBER: US/09/580.794C  
; CURRENT FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96870081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 108  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-108

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGCTGACCCCA 1225  
|||||  
Db 1 GGGCTGACCCCA 13

RESULT 774  
US-08-981-988A-39/c  
; Sequence 39, Application US/08981988A  
; Patent No. 6337194  
; GENERAL INFORMATION:  
; APPLICANT: Vittal Mallaya Scientific Research Foundation  
; APPLICANT: The University of Leicester  
; TITLE OF INVENTION: Insulin  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: VITTAL MALLAYA SCIENTIFIC RESEARCH FOUNDATION  
; STREET: K. R. ROAD  
; CITY: BANGALORE  
; COUNTRY: INDIA  
; ZIP: 560 004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/981.988A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9513967.1  
; FILING DATE: 08-JUL-1995

; INFORMATION FOR SEQ ID NO: 39:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
US-08-981-988A-39

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCCC 1080  
|||||  
Db 13 AAGCTTCAGCTC 1

RESULT 775  
US-09-055-210-7/c  
; Sequence 7, Application US/09055210  
; Patent No. 6346394  
; GENERAL INFORMATION:  
; APPLICANT: MITSUZUMI, Hitoshi  
; APPLICANT: KUBOTA, Michio  
; APPLICANT: SUGIMOTO, Toshiyuki  
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH  
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Browdy and Neimark  
; STREET: 419 Seventh Street N.W. Ste. 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/055.210  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/505,377  
; FILING DATE: 21-JUL-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 109128/1995  
; FILING DATE: 11-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP NOT YET RECEIVED  
; FILING DATE: 04-JUL-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Browdy, Roger L  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 628-5137  
; TELEFAX: (202) 737-3528  
; TELEX: 249688  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-09-055-210-7

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1063 AACCAAGCTTCA 1075  
Db 13 AGCTCAAGCTTCA 1

## RESULT 776

US-09-721-975-5/c  
; Sequence 5, Application US/09721975  
; Patent No. 644803  
; GENERAL INFORMATION:  
; APPLICANT: Hair, Gregory A.  
; APPLICANT: Boden, Scott D.  
; TITLE OF INVENTION: No. 644803el Bone Mineralization Proteins, DNA, Vectors,  
; FILE OF INVENTION: Expression Systems  
; FILE REFERENCE: 06148.0115  
; CURRENT APPLICATION NUMBER: US/09/721,975  
; CURRENT FILING DATE: 2000-11-27  
; PRIOR APPLICATION NUMBER: US 09/124,238  
; PRIOR FILING DATE: 1998-07-29  
; PRIOR APPLICATION NUMBER: 60/054,219  
; PRIOR FILING DATE: 1997-07-30  
; PRIOR APPLICATION NUMBER: 60/080,407  
; PRIOR FILING DATE: 1998-04-02  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: MS Word  
; SEQ ID NO 5  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Differential Display PCR Primer  
US-09-721-975-5

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 CAACCCAGCTT 1073  
Db 13 CATAGCCAAGCTT 1

## RESULT 777

US-09-179-162A-4  
; Sequence 4, Application US/09179162A  
; Patent No. 6485901  
; GENERAL INFORMATION:  
; APPLICANT: Gildea, Brian D.  
; APPLICANT: Coull, James M.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Fiandaca, Mark J.  
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear  
; FILE OF INVENTION: Beacons  
; FILE REFERENCE: BP970305  
; CURRENT APPLICATION NUMBER: US/09/179,162A  
; CURRENT FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/063,283  
; PRIOR FILING DATE: 1997-10-27  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5' Fluorescein  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (13)  
; OTHER INFORMATION: 3' Dabcyl

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC  
US-09-179-162A-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCC 1146  
Db 1 CGCCACCAGCTCC 13

## RESULT 778

US-09-179-162A-4/c  
; Sequence 4, Application US/09179162A  
; Patent No. 6485901  
; GENERAL INFORMATION:  
; APPLICANT: Gildea, Brian D.  
; APPLICANT: Coull, James M.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Fiandaca, Mark J.  
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear  
; FILE OF INVENTION: Beacons  
; FILE REFERENCE: BP970305  
; CURRENT APPLICATION NUMBER: US/09/179,162A  
; CURRENT FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/063,283  
; PRIOR FILING DATE: 1997-10-27  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5' Fluorescein  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (13)  
; OTHER INFORMATION: 3' Dabcyl  
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC  
US-09-179-162A-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGAGCTGTGGTG 315  
Db 13 GGAGCTGTGGCG 1

## RESULT 779

US-09-986-621-5/c  
; Sequence 5, Application US/09986621  
; Patent No. 6521750  
; GENERAL INFORMATION:  
; APPLICANT: Hair, Gregory A.  
; APPLICANT: Boden, Scott D.  
; TITLE OF INVENTION: No. 6521750el Bone Mineralization Proteins, DNA, Vectors,  
; FILE OF INVENTION: Expression Systems  
; FILE REFERENCE: 06148.0115  
; CURRENT APPLICATION NUMBER: US/09/986,621  
; CURRENT FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: 09/124,238  
; PRIOR FILING DATE: 1998-07-29  
; PRIOR APPLICATION NUMBER: 60/080,407



;; PRIOR FILING DATE: 1998-04-02  
;; NUMBER OF SEQ ID NOS: 36  
;; SOFTWARE: MS Word  
;; SEQ ID NO 5  
;; LENGTH: 13  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Differential Display PCR Primer  
US-09-986-621-5

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 CAAACCCAGCTT 1073  
Db 13 CAAAGCCAGCTT 1

RESULT 780  
US-08-192-943-21  
; Sequence 21, Application US/08192943  
; Patent No. 6544755  
; GENERAL INFORMATION:  
; APPLICANT: James D. Thompson  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: TREATMENT OF DISEASES CAUSED  
; TITLE OF INVENTION: BY EXPRESSION OF THE C-MYC  
; TITLE OF INVENTION: GENE  
; NUMBER OF SEQUENCES: 41  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90017  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
; SOFTWARE: WordPerfect (Version 5.1)  
; CURRENT APPLICATION DATA: US/08/192,943  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/936,422  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/POCKET NUMBER: 197/241  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-192-943-21

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCC 1061  
Db 1049 AGCCCTGGCCCC 1061

Db 1 AGCCCCGAGCCCC 13

RESULT 781  
US-09-874-601-52  
; Sequence 52, Application US/09874601  
; Patent No. 6632057  
; GENERAL INFORMATION:  
; APPLICANT: LEWIN, ALFRED S.  
; APPLICANT: SHAW, LYNN C.  
; APPLICANT: GRANT, MARIA B.  
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METH  
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES  
; FILE REFERENCE: 4300.014100  
; CURRENT APPLICATION NUMBER: US/09/874,601  
; CURRENT FILING DATE: 2001-05-01  
; PRIOR APPLICATION NUMBER: 09/063,667  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/046,147  
; PRIOR FILING DATE: 1997-05-09  
; PRIOR APPLICATION NUMBER: 60/044,492  
; PRIOR FILING DATE: 1997-04-21  
; NUMBER OF SEQ ID NOS: 182  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 52  
; LENGTH: 13  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(7)  
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
US-09-874-601-52

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 61.5%; Pred. No. 4.4e+02;  
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1036 GGAACCTACTACTA 1048  
Db 1 GAAUCUACUACUA 13

RESULT 782  
US-09-950-459-4  
; Sequence 4, Application US/09950459  
; Patent No. 6649349  
; GENERAL INFORMATION:  
; APPLICANT: Gildea, Brian D.  
; APPLICANT: Coull, James M.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Flaudaca, Mark J.  
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear  
; TITLE OF INVENTION: Beacons  
; FILE REFERENCE: BP9703US-DV1  
; CURRENT APPLICATION NUMBER: US/09/950,459  
; CURRENT FILING DATE: 2001-09-10  
; PRIOR APPLICATION NUMBER: 60/063,283  
; PRIOR FILING DATE: 1997-10-27  
; PRIOR APPLICATION NUMBER: 09/179,162  
; PRIOR FILING DATE: 1998-10-26  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5' Fluorescein  
; NAME/KEY: misc\_feature  
; LOCATION: (13)

OTHER INFORMATION: 3' Dabcyl  
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC  
OTHER INFORMATION: PROBE OR TARGET  
US-09-950-459-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCC 1146  
| | | | | | | | | | | | |  
DB 1 CGCCACCAGCTCC 13

## RESULT 783

US-09-950-459-4/c  
Sequence 4, Application US/09950459  
Patent No. 6649349  
GENERAL INFORMATION:  
APPLICANT: Gildea, Brian D.  
APPLICANT: Coull, James M.  
APPLICANT: Hyldeg-Nielsen, Jens J.  
APPLICANT: Flandaca, Mark J.  
TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear  
TITLE OF INVENTION: Beacons  
FILE REFERENCE: BP9703US-DV1  
CURRENT APPLICATION NUMBER: US/09/950,459  
CURRENT FILING DATE: 2001-09-10  
PRIOR APPLICATION NUMBER: 60/063,283  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 09/179,162  
PRIOR FILING DATE: 1998-10-26  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 4  
LENGTH: 13  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)  
OTHER INFORMATION: 5' Fluorescein  
NAME/KEY: misc\_feature  
LOCATION: (13)  
OTHER INFORMATION: 3' Dabcyl  
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC  
OTHER INFORMATION: PROBE OR TARGET  
US-09-950-459-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 4.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGAGCTGTGGTG 315  
| | | | | | | | | | | | |  
DB 13 GGAGCTGTGGTG 1

## RESULT 784

US-08-142-785-3/c  
Sequence 3, Application US/08142785  
Patent No. 5434257  
GENERAL INFORMATION:  
APPLICANT: MATTEUCCI, MARK D.  
APPLICANT: CAO, XIAODONG  
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING  
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California

COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/142,785  
FILING DATE: 26-OCT-1993  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 169.2  
TELEPHONE: (415) 574-3000  
TELEFAX: (415) 578-9264  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(6, "")  
OTHER INFORMATION: /note= "This position is C with  
OTHER INFORMATION: CH2-CH2-O linkage."  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(8, "")  
OTHER INFORMATION: /note= "This position is C with  
OTHER INFORMATION: CH2-CH2-O linkage."  
US-08-142-785-3

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGGAG 1029  
| | | | | | | | | | | | |  
DB 14 AAAAGAGAGAGAG 2

## RESULT 785

US-07-874-334-6/c  
Sequence 6, Application US/07874334  
Patent No. 5495009  
GENERAL INFORMATION:  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, BOB  
APPLICANT: LIN, KUEI-YING  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING  
TITLE OF INVENTION: THIOFORMACETAL LINKAGES  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/874,334  
FILING DATE: 19920424  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20005.24  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(4, "")  
OTHER INFORMATION: /note= "This position is 5-methylcytosine."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(4.5, "")  
OTHER INFORMATION: /note= "This position indicates a phosphodiester linkage."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(6, "")  
OTHER INFORMATION: /note= "This position is 5-methylcytosine."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(6.7, "")  
OTHER INFORMATION: /note= "This position indicates a phosphodiester linkage."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(8, "")  
OTHER INFORMATION: /note= "This position is 5-methylcytosine."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(8.9, "")  
OTHER INFORMATION: /note= "This position indicates a phosphodiester linkage."  
US-07-874-334-6  
Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029  
|||||  
DB 14 AAAAGAGAGAG 2

RESULT 786  
US-07-874-334-7/c  
Sequence 7, Application US/07874334  
Patent No. 5435009  
GENERAL INFORMATION:  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, BOB  
APPLICANT: LIN, KUEI-YING  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING

TITLE OF INVENTION: THIOFORMACETAL LINKAGES  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/874,334  
FILING DATE: 19920424  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20005.24  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(4, "")  
OTHER INFORMATION: /note= "This position is 5-methylcytosine."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(4.5, "")  
OTHER INFORMATION: /note= "This position indicates a methyphosphonate linkage."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(6, "")  
OTHER INFORMATION: /note= "This position is 5-methylcytosine."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(6.7, "")  
OTHER INFORMATION: /note= "This position indicates a methyphosphonate linkage."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(8, "")  
OTHER INFORMATION: /note= "This position is 5-methylcytosine."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(8.9, "")  
OTHER INFORMATION: /note= "This position indicates a methyphosphonate linkage."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(10, "")  
OTHER INFORMATION: /note= "This position is 5-methylcytosine."  
US-07-874-334-7  
Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1017 AAAAGAGGGGAG 1029  
 Db 14 AAAAGAGAGAG 2

## RESULT 787

```

US-07-874-334-8/c
: Sequence 8, Application US/07874334
: Patent No. 5495009
: GENERAL INFORMATION:
: APPLICANT: MATTEUCCI, MARK
: APPLICANT: JONES, BOB
: APPLICANT: LIN, KUEI-YING
: TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
: TITLE OF INVENTION: THIOFORMACETAL LINKAGES
: NUMBER OF SEQUENCES: 18
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: MORRISON & FOERSTER
: STREET: 755 Page Mill Road
: CITY: Palo Alto
: STATE: California
: COUNTRY: USA
: ZIP: 94304-1018
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/874,334
: FILING DATE: 19920424
: CLASSIFICATION: 536
: ATTORNEY/AGENT INFORMATION:
: NAME: MURASHIGE, KATE H.
: REGISTRATION NUMBER: 29,959
: REFERENCE/DOCKET NUMBER: 24610-20005.24
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 813-5600
: TELEFAX: (415) 494-0792
: TELEX: 706141
: INFORMATION FOR SEQ ID NO: 8:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(4..5, "")
: OTHER INFORMATION: /note= "This position indicates a
: OTHER INFORMATION: methoxyethyl amide linkage."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(4..5, "")
: OTHER INFORMATION: /note= "This position indicates a
: OTHER INFORMATION: methoxyethyl amide linkage."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(6..7, "")
: OTHER INFORMATION: /note= "This position is
: OTHER INFORMATION: 5-methylcytosine."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(6, "")
: OTHER INFORMATION: /note= "This position indicates a
: OTHER INFORMATION: methoxyethyl amide linkage."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(8, "")
: OTHER INFORMATION: /note= "This position is
: OTHER INFORMATION: 5-methylcytosine."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(4..5, "")

```

```

: LOCATION: replace(8..9, "")
: OTHER INFORMATION: /note= "This position indicates a
: OTHER INFORMATION: methoxyethyl amide linkage."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(10, "")
: OTHER INFORMATION: /note= "This position is
: OTHER INFORMATION: 5-methylcytosine."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(10..11, "")
: OTHER INFORMATION: /note= "This position indicates a
: OTHER INFORMATION: methoxyethyl amide linkage."
: US-07-874-334-8
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: Query Match 0.5%; Score 9.8; DB 1; Length 14;
: Best Local Similarity 84.6%; Pred. No. 5.4e+02;
: Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
:
: Qy 1017 AAAAGAGGGGAG 1029
: Db 14 AAAAGAGAGAG 2
:
: RESULT 788
: US-07-874-334-9/c
: Sequence 9, Application US/07874334
: Patent No. 5495009
: GENERAL INFORMATION:
: APPLICANT: MATTEUCCI, MARK
: APPLICANT: JONES, BOB
: APPLICANT: LIN, KUEI-YING
: TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
: TITLE OF INVENTION: THIOFORMACETAL LINKAGES
: NUMBER OF SEQUENCES: 18
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: MORRISON & FOERSTER
: STREET: 755 Page Mill Road
: CITY: Palo Alto
: STATE: California
: COUNTRY: USA
: ZIP: 94304-1018
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/874,334
: FILING DATE: 19920424
: CLASSIFICATION: 536
: ATTORNEY/AGENT INFORMATION:
: NAME: MURASHIGE, KATE H.
: REGISTRATION NUMBER: 29,959
: REFERENCE/DOCKET NUMBER: 24610-20005.24
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 813-5600
: TELEFAX: (415) 494-0792
: TELEX: 706141
: INFORMATION FOR SEQ ID NO: 9:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(4, "")
: OTHER INFORMATION: /note= "This position is
: OTHER INFORMATION: 5-methylcytosine."
: FEATURE:
: NAME/KEY: misc_difference
: LOCATION: replace(4..5, "")

```

OTHER INFORMATION: /note= "This position indicates a  
formacetal linkage."  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(6, "")  
OTHER INFORMATION: /note= "This position is  
5-methylcytosine."  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(6, 7, "")  
OTHER INFORMATION: /note= "This position indicates a  
formacetal linkage."  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(8, "")  
OTHER INFORMATION: /note= "This position is  
5-methylcytosine."  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(10, "")  
OTHER INFORMATION: /note= "This position is  
5-methylcytosine."  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(10, 11, "")  
OTHER INFORMATION: /note= "This position indicates a  
formacetal linkage."  
US-07-874-334-9

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029  
DB 14 AAAAGAGAGAG 2

RESULT 789  
US-07-874-334-11/c  
Sequence 11, Application US/07874334  
Patent No. 5495009  
GENERAL INFORMATION:  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, BOB  
APPLICANT: LIN, KUEI-YING  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING  
THIOFORMACETAL LINKAGES  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/874,334  
FILING DATE: 19920424  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 24610-20005.24  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-874-334-11

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029  
DB 14 AAAAGAGAGAG 2

RESULT 790  
US-08-303-004-13  
Sequence 13, Application US/08303004  
Patent No. 5556955  
GENERAL INFORMATION:  
APPLICANT: Vergnaud, Gilles  
TITLE OF INVENTION: Process for Detection of New Polymor-  
phic Loci in an ADN Sequence, Nucleotide Sequences Forming  
TITLE OF INVENTION: Hybridisation Probes and Their Biological Applications  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: P.O. Box 19928  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A  
ZIP: 22320  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/303,004  
FILING DATE:  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/931,311B  
FILING DATE: 19920818  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 29264  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6400  
TELEFAX: (703) 836-2787  
TELEX: 90-1799 PTO ALEX  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-303-004-13

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 733 GAGAAACAGACA 745  
||| ||||| ||  
Db 1 GACAAACAGACA 13

## RESULT 791

US-08-242-664-15/c  
; Sequence 15, Application US/08242664  
; Patent No. 5571937  
; GENERAL INFORMATION:  
; APPLICANT: Watanabe, Kyoichi A.  
; APPLICANT: Ren, Wu-Yun  
; APPLICANT: Weil, Roger  
; TITLE OF INVENTION: Complementary DNA and Toxins  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10112  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch 1.44Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.24  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/242,664  
; FILING DATE: May 12, 1994  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 44683  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-977-9550  
; TELEFAX: 212-664-0525  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-242-664-15

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTCCTTTTAT 931  
||||| ||||| ||  
Db 13 CTTTCCTTTTAT 1

## RESULT 792

US-08-442-513A-11/c  
; Sequence 11, Application US/08442513A  
; Patent No. 5646031  
; GENERAL INFORMATION:  
; APPLICANT: DeYoung, Mary Beth  
; APPLICANT: Siwkowski, Andrew M.  
; APPLICANT: Hampel, Arnold E.  
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM  
; REFERENCE/DOCKET NUMBER: 2384.00014  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kohn & Associates  
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410  
; CITY: Farmington Hills  
; STATE: Michigan

; COUNTRY: US  
; ZIP: 48334  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/442,513A  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kohn, Kenneth I.  
; REGISTRATION NUMBER: 30,995  
; REFERENCE/DOCKET NUMBER: 2384.00014  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (810) 539-5050  
; TELEFAX: (810) 539-5055  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "Ribozyme substrate"  
US-08-442-513A-11

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 736 AAACAGACACCG 748  
||||| ||||| ||  
Db 14 AAACAGACTGCG 2

## RESULT 793

US-08-442-513A-13  
; Sequence 13, Application US/08442513A  
; Patent No. 5646031  
; GENERAL INFORMATION:  
; APPLICANT: DeYoung, Mary Beth  
; APPLICANT: Siwkowski, Andrew M.  
; APPLICANT: Hampel, Arnold E.  
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM  
; REFERENCE/DOCKET NUMBER: 2384.00014  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kohn & Associates  
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410  
; CITY: Farmington Hills  
; STATE: Michigan  
; COUNTRY: US  
; ZIP: 48334  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/442,513A  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kohn, Kenneth I.  
; REGISTRATION NUMBER: 30,995  
; REFERENCE/DOCKET NUMBER: 2384.00014  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (810) 539-5050  
; TELEFAX: (810) 539-5055  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:

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/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-13

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 53.8%; Pred. No. 5.4e+02;
Matches 7; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTCTTT 896
Db 1 CCGCAGUUCUGUU 13

RESULT 794
US-08-442-513A-14
/ Sequence 14, Application US/08442513A
/ Patent No. 5646031
/ GENERAL INFORMATION:
/ APPLICANT: DeYoung, Mary Beth
/ APPLICANT: Siwkowski, Andrew M.
/ APPLICANT: Hampel, Arnold E.
/ TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
/ NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kohn & Associates
/ STREET: 30500 No. 5646031thwestern Hwy., Suite 410
/ CITY: Farmington Hills
/ STATE: Michigan
/ COUNTRY: US
/ ZIP: 48334
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/442,513A
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kohn, Kenneth I.
/ REGISTRATION NUMBER: 30,995
/ REFERENCE/DOCKET NUMBER: 2384.00014
/ TELEPHONE: (810) 539-5050
/ TELEFAX: (810) 539-5050
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-16

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 53.8%; Pred. No. 5.4e+02;
Matches 7; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTCTTT 896
Db 1 CCGCAGUUCUGUU 13

RESULT 796
US-08-442-513A-16/c
/ Sequence 16, Application US/08442513A
/ Patent No. 5646031
/ GENERAL INFORMATION:
/ APPLICANT: DeYoung, Mary Beth
/ APPLICANT: Siwkowski, Andrew M.
/ APPLICANT: Hampel, Arnold E.
/ TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
/ NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kohn & Associates
/ STREET: 30500 No. 5646031thwestern Hwy., Suite 410
/ CITY: Farmington Hills
/ STATE: Michigan
/ COUNTRY: US
/ ZIP: 48334
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/442,513A
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kohn, Kenneth I.
/ REGISTRATION NUMBER: 30,995
/ REFERENCE/DOCKET NUMBER: 2384.00014
/ TELEPHONE: (810) 539-5050
/ TELEFAX: (810) 539-5050
/ INFORMATION FOR SEQ ID NO: 14:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-14

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 53.8%; Pred. No. 5.4e+02;
Matches 7; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTCTTT 896
Db 1 CCGCAGUUCUGUU 13

RESULT 795
US-08-442-513A-16
/ Sequence 16, Application US/08442513A
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-16

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 736 AACAGAACCCG 748
Db 14 AACAGACTCGG 2

RESULT 797
US-08-442-513A-18
; Sequence 18, Application US/08442513A
; Patent No. 5646031
; GENERAL INFORMATION:
; APPLICANT: DeYoung, Mary Beth
; APPLICANT: Siwkowski, Andrew M.
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5055
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-18
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; Query Match 0.5%; Score 9.8; DB 1; Length 14;
; Best Local Similarity 53.8%; Pred. No. 5.4e+02;
; Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 885 CACAGTGTGTG 897
Db 2 CGCAGUACUGUG 14

RESULT 798
US-08-484-138-15/c
; Sequence 15, Application US/08484138
; Patent No. 5652350
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,138
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/MJG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-484-138-15

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 919 CTTTGCCTTTAT 931
Db 13 CTTTCCCTTTT 1

RESULT 799
US-08-498-402-6
; Sequence 6, Application US/08498402
; Patent No. 5712096
; GENERAL INFORMATION:
; APPLICANT: Seth Stern
; APPLICANT: Prakash Purohit
; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR
; TITLE OF INVENTION: NOVEL
; TITLE OF INVENTION: ANTIBIOTICS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
```



```

; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/498,402
; FILING DATE: July 5, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/294,450
; FILING DATE: August 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: J. Peter Fasse
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04020/040001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-498-402-6

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 61.5%; Pred. No. 5.4e+02;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1104 GGGCTTCAGTCCC 1116
Db 2 GGACUUGGUCCC 14

RESULT 800
US-08-259-148A-27
; Sequence 27, Application US/08259148A
; Patent No. 5741490
; GENERAL INFORMATION:
; APPLICANT: Reyes, Gregory R.
; APPLICANT: Bradley, Daniel W.
; APPLICANT: Twu, Jr-Shin
; APPLICANT: Purdy, Michael A.
; APPLICANT: Tam, Albert W.
; APPLICANT: Krawczynski, Krzysztof Z.
; APPLICANT: Yarbough, Patrice D.
; TITLE OF INVENTION: Hepatitis E Virus Vaccine and Method
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/259,148A
; FILING DATE: 13-JUN-1994
; CLASSIFICATION: 424

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 822,335
; FILING DATE: 17-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 505,888
; FILING DATE: 05-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 420,921
; FILING DATE: 13-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 367,486
; FILING DATE: 16-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 336,672
; FILING DATE: 11-APR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 208,997
; FILING DATE: 17-JUN-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 4600-0093.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA sequence, Fig. 7
; US-08-259-148A-27

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1237 GCCCTCGCCTCCG 1249
Db 2 GCCCGGCCACCG 14

RESULT 801
US-08-706-135-2/c
; Sequence 2, Application US/08706135
; Patent No. 5763181
; GENERAL INFORMATION:
; APPLICANT: Han, Myun K.
; TITLE OF INVENTION: Fluorometric Assay For Detecting Nucleic
; TITLE OF INVENTION: Acid Cleavage
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/706,135
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 08/365,473
; FILING DATE: 30-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Markowicz R., Karen
; REGISTRATION NUMBER: 36,351
; REFERENCE/DOCKET NUMBER: 0654.06300000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE:
; US-08-706-135-2

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1145 CCACCTATACCC 1157
      |||||
Db      13 CCACCTAGCCCC 1

RESULT 802
US-08-540-448-20/c
; Sequence 20, Application US/08540448
; Patent No. 5786145
; GENERAL INFORMATION:
; APPLICANT: KARN, JONATHAN
; APPLICANT: GAIT, MICHAEL J.
; APPLICANT: HEAPHY, SHAUN
; APPLICANT: DINGWALL, COLIN
; TITLE OF INVENTION: VIRAL GROWTH INHIBITION
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/540,448
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,102
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: GB 9020541.0
; FILING DATE: 20-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5786145man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 3077-007-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; US-07-892-902-4

; APPLICATION NUMBER: 08/365,473
; FILING DATE: 30-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Markowicz R., Karen
; REGISTRATION NUMBER: 36,351
; REFERENCE/DOCKET NUMBER: 0654.06300000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE:
; US-08-706-135-2

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1145 CCACCTATACCC 1157
      |||||
Db      13 CCACCTAGCCCC 1

RESULT 802
US-08-540-448-20/c
; Sequence 20, Application US/08540448
; Patent No. 5786145
; GENERAL INFORMATION:
; APPLICANT: KARN, JONATHAN
; APPLICANT: GAIT, MICHAEL J.
; APPLICANT: HEAPHY, SHAUN
; APPLICANT: DINGWALL, COLIN
; TITLE OF INVENTION: VIRAL GROWTH INHIBITION
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/540,448
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,102
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: GB 9020541.0
; FILING DATE: 20-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5786145man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 3077-007-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; US-07-892-902-4

; TOPOLOGY: unknown
; MOLECULE TYPE: Other nucleic acid;
; DESCRIPTION: RNA (synthetic)
; US-08-540-448-20

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1284 CAGCGCCCAACAG 1296
      |||||
Db      13 CTGCGCCCAACAG 1

RESULT 803
US-07-892-902-4/c
; Sequence 4, Application US/07892902
; Patent No. 5817781
; GENERAL INFORMATION:
; APPLICANT: Swaminathan, Sundaramoorthi
; APPLICANT: Matteucci, Mark
; APPLICANT: Pudlo, Jeff
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES (II)
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/892,902
; FILING DATE: 01-JUN-1992
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 246102004200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: 6..7
; OTHER INFORMATION: /note= "This linkage is
; OTHER INFORMATION: C(CH2-CH2-O)T."
; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: 8..9
; OTHER INFORMATION: /note= "This linkage is
; OTHER INFORMATION: C(CH2-CH2-O)T."
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 14
; OTHER INFORMATION: /note= "This sequence has 2',
; OTHER INFORMATION: rather than 3', end."
; US-07-892-902-4
```

```
Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029
Db 14 AAAAGAGAGAG 2

RESULT 804
US-08-173-489C-94
; Sequence 94, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from superoxide
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 94 :FROM 1 TO 14
; US-08-173-489C-94

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1258 CCCACCCCTTC 1270
Db 1 CCCTTCCCCCTTC 13

RESULT 805
US-08-173-489C-186/c
; Sequence 186, Application US/08173489C
; Patent No. 5861244
```

```
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 186:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from Hepatitis B
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 186 :FROM 1 TO 14
; US-08-173-489C-186

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAA 743
Db 13 AGGAGAGCAGGA 1

RESULT 806
US-08-173-489C-198/c
; Sequence 198, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/969,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 198:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from Hepatitis B
DESCRIPTION: isolate adr sequence region in Seq ID No. 5861244197
HYPOTHETICAL: yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 198 :FROM 1 TO 14
US-08-173-489C-198

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```

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 731 AGGAGAACAGAA 743
DB 13 AGGAGAACAGGA 1

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RESULT 807
US-07-876-941A-43
; Sequence 43, Application US/07876941A
; Patent No. 5885768
; GENERAL INFORMATION:
; APPLICANT: Reyes, Gregory R.
; APPLICANT: Bradley, Daniel W.
; APPLICANT: Tam, Albert W.
; APPLICANT: Mitchell, Carl
; TITLE OF INVENTION: Hepatitis E Virus Peptide Antigen and
; TITLE OF INVENTION: Antibodies
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/876,941A
; FILING DATE: 01-MAY-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 822,335

```

```

; FILING DATE: 17-JAN-1992
; PRIOR APPLICATION DATA: US 505,888
; APPLICATION NUMBER:
; FILING DATE: 05-APRIL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 420,921
; FILING DATE: 13-OCTOBER-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 367,486
; FILING DATE: 16-JUNE-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 336,672
; FILING DATE: 11-APRIL-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 208,997
; FILING DATE: 17-JUNE-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 4600-0093.33
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA sequence, Fig. 7
; US-07-876-941A-43

```

```

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1237 GCCTCGCTCCG 1249
DB 2 GCCCGGCCACCG 14

```

```

RESULT 808
US-08-985-162-1805
; Sequence 1805, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1805:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-1805

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 754 ACCGCGCGCAG 766  
|||||  
DB 2 ACCGCGCGCAG 14

RESULT 809  
US-08-985-162-1805/c  
Sequence 1805, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1805:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-1805

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 756 CTGCCATGCAGGT 768  
|||||  
DB 14 CTGCCGCGCAGGT 2

RESULT 810  
US-08-985-162-1834  
Sequence 1834, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1834:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-1834

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 876 CTCAGGCACACA 888  
|||||

Db 2 CUCAGACCCACCA 14

## RESULT 811

US-08-985-162-1845  
; Sequence 1845, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1845:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-985-162-1845

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1007 CGACACCTGAAAA 1019

Db 1 CCACAGCUGAAAA 13

## RESULT 812

US-08-913-833-109  
; Sequence 109, Application US/08913833  
; Patent No. 6087093  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: LOUWAGIE, JOOST  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
; NUMBER OF SEQUENCES: 164

CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARNOLD, WHITE & DURKEE  
; STREET: P.O. BOX 4433  
; CITY: HOUSTON  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77210-4433  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/913,833  
; FILING DATE: 15 Sep 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP97/00211  
; FILING DATE: 17 Jan 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 96870005.4  
; FILING DATE: 26 Jan 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 96870081.5  
; FILING DATE: 25 Jun 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KAMMERER, PATRICIA A.  
; REGISTRATION NUMBER: 29,775  
; REFERENCE/DOCKET NUMBER: INNS:008  
; INFORMATION FOR SEQ ID NO: 109:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; US-08-913-833-109

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225

Db 1 GGGACTGACCACA 13

## RESULT 813

US-08-913-833-112  
; Sequence 112, Application US/08913833  
; Patent No. 6087093  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: LOUWAGIE, JOOST  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
; NUMBER OF SEQUENCES: 164  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARNOLD, WHITE & DURKEE  
; STREET: P.O. BOX 4433  
; CITY: HOUSTON  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77210-4433  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/913,833

```
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA: PCT/EP97/00211
; APPLICATION NUMBER: 17 Jan 1997
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA: EP 96870081.5
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-112

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
Db 1 GGGGCTTACCACA 13

RESULT 814
US-08-913-833-138
; Sequence 138, Application US/08913833
; Patent No. 6087053
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008

; INFORMATION FOR SEQ ID NO: 138:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-138

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
Db 1 GGGACTGACCACA 13

RESULT 815
US-08-797-722-2
; Sequence 2, Application US/08797722
; Patent No. 6100444
; GENERAL INFORMATION:
; APPLICANT: Frelinger, John G.
; APPLICANT: Barth, Richard K.
; APPLICANT: Wei, Chungwei
; TITLE OF INVENTION: PROSTATE SPECIFIC REGULATORY NUCLEIC ACID
; TITLE OF INVENTION: SEQUENCES AND TRANSGENIC NON-HUMAN ANIMALS EXPRESSING
; TITLE OF INVENTION: PROSTATE SPECIFIC ANTIGEN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/797,722
; FILING DATE: 11-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 08635/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-797-722-2

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTG 1033
Db 1 GAGGGTGAACCTTG 13

RESULT 816
US-08-998-099-357
```

```
; Sequence 357, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 357
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-357

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1233 GACAGCCCTCGCC 1245
DB 2 GACAGCCCGCUCC 14

RESULT 817
US-08-998-099-362
; Sequence 362, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 362
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-362

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 69.2%; Pred. No. 5.4e+02;
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1215 GGCTGACCCCATC 1227
DB 2 GCGUGACUCCUUC 14

RESULT 818
US-08-983-041-7/c
; Sequence 7, Application US/08983041A
; Patent No. 6114155
; GENERAL INFORMATION:
; APPLICANT: Statens Institutt for Folkehelse
; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR
; FILE REFERENCE: 23506 examples 3a-3c
; CURRENT APPLICATION NUMBER: US/08/983,041A
; CURRENT FILING DATE: 1998-01-15
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Hepatitis B virus
; FEATURE:
US-08-983-041-7

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 975 GTCCAAGCTCTAC 987
DB 14 GACCAAGATCTAC 2

RESULT 819
US-08-765-340-109/c
; Sequence 109, Application US/08765340
; Patent No. 6150032
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```



```
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-109

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCAGTCCACC 1149
   ||| ||| ||| |||
Db 14 CTCACCTCCACC 2

RESULT 820
US-08-765-340-118/c
; Sequence 118, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; APPLICATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-118

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1270 CAGAAGTGGGAGG 1282
   ||| ||| ||| |||
Db 14 CAGAAGGAGGAGG 2
```

```
RESULT 821
US-08-765-340-147
; Sequence 147, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; APPLICATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-147

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 897 GCCCTGGTCATT 909
   ||| ||| ||| |||
Db 1 GCCCTGGTCATT 13

RESULT 822
US-08-929-939-20/c
; Sequence 20, Application US/08929939A
; Patent No. 6153382
; GENERAL INFORMATION:
; APPLICANT: Karn
; APPLICANT: Gait
; APPLICANT: Heaphy
; APPLICANT: Dingwall
; TITLE OF INVENTION: Viral Growth Inhibition
; FILE REFERENCE: karn3950.39192
```

```

; CURRENT APPLICATION NUMBER: US/08/929,939A
; CURRENT FILING DATE: 1997-09-15
; EARLIER APPLICATION NUMBER: 08/540,448
; EARLIER FILING DATE: 1995-10-10
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
; OTHER INFORMATION: Derived from HIV RRE sequence
US-08-929-939-20

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1284 CAGCGCCACACAG 1296
Db 13 CTGCGCCACACG 1

RESULT 823
US-08-646-301A-8
; Sequence 8, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; FILE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence A4alt from DNA Sequence 1:3-11 (1990).
; Patent No. 6194211
US-08-646-301A-8

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1093 ACCCCCACCTG 1104
Db 3 RNCCHCACCTG 14

RESULT 824
US-08-192-946-21
; Sequence 21, Application US/08192946
; Patent No. 6258585
; GENERAL INFORMATION:
; APPLICANT: KENNETH G. DRAPER
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING INFLUENZA VIRUS
; TITLE OF INVENTION: REPLICATION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California

```

```

; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,946
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,713
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-192-946-21

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 69.2%; Pred. No. 5.4e+02;
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1065 CCCAAGCTTCAGT 1077
Db 1 CCCAAGCTTCAGU 13

RESULT 825
US-09-054-832-37/c
; Sequence 37, Application US/09054832
; Patent No. 6312894
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; TITLE OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brenlan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: 650-813-5600  
 ; TELEFAX: 650-494-0792  
 ; TELEX: 706141  
 ; INFORMATION FOR SEQ ID NO: 37:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-09-054-832-37

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
 Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 805 AACTGTAGAAAA 817  
 DB 13 AACAGTACAAAA 1

## RESULT 826

US-09-580-794C-109  
 ; Sequence 109, Application US/09580794C  
 ; Patent No. 6331389  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stuyver, Lieven  
 ; APPLICANT: Louwagie, Joost  
 ; APPLICANT: Rossau, Rudi  
 ; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
 ; FILE REFERENCE: INNS008--2  
 ; CURRENT APPLICATION NUMBER: US/09/580,794C  
 ; CURRENT FILING DATE: 2000-05-30  
 ; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
 ; PRIOR FILING DATE: 1997-09-15  
 ; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
 ; PRIOR FILING DATE: 1997-01-17  
 ; PRIOR APPLICATION NUMBER: EP 96870005.4  
 ; PRIOR FILING DATE: 1996-01-26  
 ; PRIOR APPLICATION NUMBER: EP 96870081.5  
 ; PRIOR FILING DATE: 1996-06-25  
 ; NUMBER OF SEQ ID NOS: 164  
 ; SOFTWARE: Patent in version 3.0  
 ; SEQ ID NO 109  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Primer  
 ; US-09-580-794C-109

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
 Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225  
 DB 1 GGGACTGACCACA 13

## RESULT 827

US-09-580-794C-112  
 ; Sequence 112, Application US/09580794C  
 ; Patent No. 6331389  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stuyver, Lieven  
 ; APPLICANT: Louwagie, Joost  
 ; APPLICANT: Rossau, Rudi  
 ; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
 ; FILE REFERENCE: INNS008--2  
 ; CURRENT APPLICATION NUMBER: US/09/580,794C  
 ; CURRENT FILING DATE: 2000-05-30

; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
 ; PRIOR FILING DATE: 1997-09-15  
 ; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
 ; PRIOR FILING DATE: 1997-01-17  
 ; PRIOR APPLICATION NUMBER: EP 96870005.4  
 ; PRIOR FILING DATE: 1996-01-26  
 ; PRIOR APPLICATION NUMBER: EP 96870081.5  
 ; PRIOR FILING DATE: 1996-06-25  
 ; NUMBER OF SEQ ID NOS: 164  
 ; SOFTWARE: Patent in version 3.0  
 ; SEQ ID NO 112  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Primer  
 ; US-09-580-794C-112

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
 Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225  
 DB 1 GGGGCTTACCACA 13

## RESULT 828

US-09-580-794C-138  
 ; Sequence 138, Application US/09580794C  
 ; Patent No. 6331389  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stuyver, Lieven  
 ; APPLICANT: Louwagie, Joost  
 ; APPLICANT: Rossau, Rudi  
 ; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
 ; FILE REFERENCE: INNS008--2  
 ; CURRENT APPLICATION NUMBER: US/09/580,794C  
 ; CURRENT FILING DATE: 2000-05-30  
 ; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
 ; PRIOR FILING DATE: 1997-09-15  
 ; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
 ; PRIOR FILING DATE: 1997-01-17  
 ; PRIOR APPLICATION NUMBER: EP 96870005.4  
 ; PRIOR FILING DATE: 1996-01-26  
 ; PRIOR APPLICATION NUMBER: EP 96870081.5  
 ; PRIOR FILING DATE: 1996-06-25  
 ; NUMBER OF SEQ ID NOS: 164  
 ; SOFTWARE: Patent in version 3.0  
 ; SEQ ID NO 138  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Primer  
 ; US-09-580-794C-138

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
 Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225  
 DB 1 GGGACTGACCACA 13

## RESULT 829

US-09-387-300-17  
 ; Sequence 17, Application US/09387300  
 ; Patent No. 6358685  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wetmur, James G

```

; APPLICANT: Quattrin, Robin S
; APPLICANT: Engelhardt, Dean L
; TITLE OF INVENTION: Branch Migration of Nucleotides
; FILE REFERENCE: ENZ-49(P)(C) SEQUENCES
; CURRENT APPLICATION NUMBER: US/09/387,300
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 08/480,000
; EARLIER FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: complement to
; OTHER INFORMATION: PALA-D fragment
US-09-387-300-17

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```

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1036 GGAAGTACTACTA 1048
Db 1 GTACCTACTACTA 13

RESULT 830
US-08-666-341A-51/c
; Sequence 51, Application US/08666341A
; Patent No. 6365345
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Antisense nucleic Acids for the
; TITLE OF INVENTION: Prevention and treatment of disorders in which expression
; TITLE OF INVENTION: of c-erbB plays a role
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC
; STREET: 400 Seventh street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disc
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/666,341A
; FILING DATE: 15-AUG-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93120710.4
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-666-341A-51

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Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 788 AGTGTCTCTCTG 800
Db 14 AGTGTCTCACTG 2

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RESULT 831
US-08-829-558-7/c
; Sequence 7, Application US/08829558
; Patent No. 6432699
; GENERAL INFORMATION:
; APPLICANT: Meruelo, Daniel
; APPLICANT: Ohno, Kouichi
; TITLE OF INVENTION: VIRAL VECTORS COMPLEXES HAVING CHIMERIC
; TITLE OF INVENTION: ENVELOPE PROTEIN CONTAINING THE IGG-BINDING DOMAIN OF PROTEIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,558
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M.
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8105-009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-829-558-7

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Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1285 AGCGCCGCAAGC 1297
Db 14 AGCGCGCAAAAGC 2

```

```

RESULT 832
US-08-535-249-29
; Sequence 29, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-29

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 928 TTATCCCTCCTCT 940
Db 2 TTATCCCTGCTGT 14

RESULT 833
US-08-535-249-117
; Sequence 117, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993

```

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-117

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1121 CCAGTTCACCTT 1133
Db 1 CCATTCCACCT 13

RESULT 834
US-08-535-249-126
; Sequence 126, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 126:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-535-249-126

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 728 GCACGAGGAACA 740
Db 2 GCAAGGAGAGCA 14

RESULT 835
US-09-640-953-37/c
; Sequence 37, Application US/09640953
; Patent No. 6492346
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/640,953
; FILING DATE: 16-AUG-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE: 03-APR-1998
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-640-953-37

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 805 AACTGTACAAAA 817
Db 13 AACAGTAACAAAA 1

; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-535-249-126

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 728 GCACGAGGAACA 740
Db 2 GCAAGGAGAGCA 14

RESULT 836
US-09-612-555-2
; Sequence 2, Application US/09612555
; Patent No. 6528257
; GENERAL INFORMATION:
; APPLICANT: Sharma, Vishva M
; APPLICANT: Ganesan, Kallanann
; TITLE OF INVENTION: A Method for the Simultaneous Monitoring of Individual
; TITLE OF INVENTION: Mutants in Mixed Populations
; FILE REFERENCE: Method for Simultaneous Monitoring
; CURRENT APPLICATION NUMBER: US/09/612,555
; CURRENT FILING DATE: 2000-07-07
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Tag1 adapters
US-09-612-555-2

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 CACTGAGGACTCA 879
Db 1 CGCTCAGGACTCA 13

RESULT 837
US-09-922-445-5/c
; Sequence 5, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GG126US
; CURRENT APPLICATION NUMBER: US/09/922,445
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 14
; TYPE: DNA
; ORGANISM: synthetic
US-09-922-445-5

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1065 CCCAGCTTCAGT 1077
Db 13 CCCAGGCTCAGT 1

RESULT 838
US-09-922-445-40
; Sequence 40, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GG126US

```

; CURRENT APPLICATION NUMBER: US/09/922,445  
; CURRENT FILING DATE: 2001-08-03  
; NUMBER OF SEQ ID NOS: 51  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 40  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: synthetic  
US-09-922-445-40

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1065 CCCAAGCTTCAGT 1077  
Db 2 CCCAAGCTTCAGT 14

RESULT 839  
US-09-282-734-5/c  
; Sequence 5, Application US/09282734A  
; Patent No. 6537749  
; GENERAL INFORMATION:  
; APPLICANT: Robert G. Kuimelis et al.  
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
; FILE REFERENCE: 50036/009002  
; CURRENT APPLICATION NUMBER: US/09/282,734A  
; CURRENT FILING DATE: 1999-03-03  
; EARLIER APPLICATION NUMBER: 60/080,686  
; EARLIER FILING DATE: 1998-04-03  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 5  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide used for chip attachment  
US-09-282-734-5

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 845 CCCAGATTGAGAA 857  
Db 14 CCCAGTTGAGAA 2

RESULT 840  
US-09-230-652-53/c  
; Sequence 53, Application US/09230652A  
; Patent No. 653775  
; GENERAL INFORMATION:  
; APPLICANT: Tournier-Lasserre, Elisabeth  
; APPLICANT: Joutel, Anne  
; APPLICANT: Bousser, Marie-Germaine  
; APPLICANT: Bach, Jean-Francois  
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND  
; TITLE OF INVENTION: THERAPEUTIC APPLICATION  
; FILE REFERENCE: 03715.0048-00000  
; CURRENT APPLICATION NUMBER: US/09/230,652A  
; CURRENT FILING DATE: 1999-05-17  
; EARLIER APPLICATION NUMBER: FR 96 09733  
; EARLIER FILING DATE: 1996-08-01  
; EARLIER APPLICATION NUMBER: FR 97 04680  
; EARLIER FILING DATE: 1997-04-16  
; EARLIER APPLICATION NUMBER: PCT/FR97/01433  
; EARLIER FILING DATE: 1997-07-31  
; NUMBER OF SEQ ID NOS: 163  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 53

; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-230-652-53

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.8%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCA 1189  
Db 13 GCGGACCCCGCA 1

RESULT 841  
US-09-808-457-10/c  
; Sequence 10, Application US/09808457  
; Patent No. 6608038  
; GENERAL INFORMATION:  
; APPLICANT: Boettcher, Brian  
; APPLICANT: Caplan, Shari  
; APPLICANT: Kaleko, Michael  
; APPLICANT: Connelly, Sheila  
; APPLICANT: Desai, Urvi  
; APPLICANT: Slosberg, Eric  
; TITLE OF INVENTION: Methods and Compositions For Treatment  
; TITLE OF INVENTION: of Diabetes and Related Conditions Via Gene Therapy  
; FILE REFERENCE: 4-31353A/USN  
; CURRENT APPLICATION NUMBER: US/09/808,457  
; CURRENT FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 60/XXX,XXX  
; PRIOR FILING DATE: 2000-03-15  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 10  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
US-09-808-457-10

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1244 CCTCGACCCCAT 1256  
Db 14 CCACCCACCCAT 2

RESULT 842  
US-09-401-063-1805  
; Sequence 1805, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.

```

; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1805:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-1805

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 754 ACCTGCCATGCAG 766
Db 2 ACCUGCCGGCAG 14
```

```

RESULT 843
US-09-401-063-1805/c
; Sequence 1805, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
```

```

; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1805:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-1805

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 756 CTGCCATGCAGT 768
Db 14 CTGCCGGCAGT 2
```

```

RESULT 844
US-09-401-063-1834
; Sequence 1834, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
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; INFORMATION FOR SEQ ID NO: 1834:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-1834

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 876 CTCAGGCACCACA 888  
Db 2 CUCAGACCCACACA 14

RESULT 845  
US-09-401-063-1845  
; Sequence 1845, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1845:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-1845

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1007 CGACACCTGAAA 1019  
Db 1 CCACAGCUGAAAA 13

RESULT 846  
US-09-874-601-7  
; Sequence 7, Application US/09874601  
; Patent No. 6632057  
; GENERAL INFORMATION:  
; APPLICANT: LEWIN, ALFRED S.  
; APPLICANT: SHAW, LYNN C.  
; APPLICANT: GRANT, MARIA B.  
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHO  
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES  
; FILE REFERENCE: 4300.014100  
; CURRENT APPLICATION NUMBER: US/09/874,601  
; CURRENT FILING DATE: 2001-05-01  
; PRIOR APPLICATION NUMBER: 09/063,667  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/046,147  
; PRIOR FILING DATE: 1997-05-09  
; PRIOR APPLICATION NUMBER: 60/044,492  
; PRIOR FILING DATE: 1997-04-21  
; NUMBER OF SEQ ID NOS: 182  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: ()..()  
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
US-09-874-601-7

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 69.2%; Pred. No. 5.4e+02;  
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1545 GCTGGGTCGCTG 1557  
Db 1 GCUGGGCUUCGG 13

RESULT 847  
US-09-874-601-9  
; Sequence 9, Application US/09874601  
; Patent No. 6632057  
; GENERAL INFORMATION:  
; APPLICANT: LEWIN, ALFRED S.  
; APPLICANT: SHAW, LYNN C.  
; APPLICANT: GRANT, MARIA B.  
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHC  
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES  
; FILE REFERENCE: 4300.014100  
; CURRENT APPLICATION NUMBER: US/09/874,601  
; CURRENT FILING DATE: 2001-05-01  
; PRIOR APPLICATION NUMBER: 09/063,667  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/046,147  
; PRIOR FILING DATE: 1997-05-09  
; PRIOR APPLICATION NUMBER: 60/044,492  
; PRIOR FILING DATE: 1997-04-21  
; NUMBER OF SEQ ID NOS: 182  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: ()..()  
US-09-874-601-9

; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
US-09-874-601-9

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1193 AGGTGGCACCAC 1205  
|||||  
Db 1 AGGUGGCUUACAC 13

## RESULT 848

US-09-874-601-10

; Sequence 10, Application US/09874601

; Patent No. 6632057

; GENERAL INFORMATION:

; APPLICANT: LEWIN, ALFRED S.

; APPLICANT: SHAW, LYNN C.

; APPLICANT: GRANT, MARIA B.

; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD

; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES

; FILE REFERENCE: 4300.014100

; CURRENT APPLICATION NUMBER: US/09/874,601

; CURRENT FILING DATE: 2001-05-01

; PRIOR APPLICATION NUMBER: 09/063,667

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/046,147

; PRIOR FILING DATE: 1997-05-09

; PRIOR APPLICATION NUMBER: 60/044,492

; PRIOR FILING DATE: 1997-04-21

; NUMBER OF SEQ ID NOS: 182

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 10

; LENGTH: 14

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1..1)

; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE

US-09-874-601-10

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 877 TCAGGCCACACAG 889  
:|||||  
Db 2 UCUGGCCCCACAG 14

## RESULT 849

US-09-874-601-109

; Sequence 109, Application US/09874601

; Patent No. 6632057

; GENERAL INFORMATION:

; APPLICANT: LEWIN, ALFRED S.

; APPLICANT: SHAW, LYNN C.

; APPLICANT: GRANT, MARIA B.

; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD

; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES

; FILE REFERENCE: 4300.014100

; CURRENT APPLICATION NUMBER: US/09/874,601

; CURRENT FILING DATE: 2001-05-01

; PRIOR APPLICATION NUMBER: 09/063,667

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/046,147

; PRIOR FILING DATE: 1997-05-09

; PRIOR APPLICATION NUMBER: 60/044,492

; PRIOR FILING DATE: 1997-04-21

; NUMBER OF SEQ ID NOS: 182

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 109

; LENGTH: 14

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1..1)

; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE

US-09-874-601-109

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 5.4e+02;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1185 CCGCAGAGGTG 1197  
|||||  
Db 1 CAGCAGAGAGUG 13

## RESULT 850

US-09-874-601-110/c

; Sequence 110, Application US/09874601

; Patent No. 6632057

; GENERAL INFORMATION:

; APPLICANT: LEWIN, ALFRED S.

; APPLICANT: SHAW, LYNN C.

; APPLICANT: GRANT, MARIA B.

; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHC

; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES

; FILE REFERENCE: 4300.014100

; CURRENT APPLICATION NUMBER: US/09/874,601

; CURRENT FILING DATE: 2001-05-01

; PRIOR APPLICATION NUMBER: 09/063,667

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/046,147

; PRIOR FILING DATE: 1997-05-09

; PRIOR APPLICATION NUMBER: 60/044,492

; PRIOR FILING DATE: 1997-04-21

; NUMBER OF SEQ ID NOS: 182

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 110

; LENGTH: 14

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1..1)

; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE

US-09-874-601-110

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCC 934  
|||||  
Db 14 TGCCTTTTATCCC 2

## RESULT 851

US-09-874-601-111/c

; Sequence 111, Application US/09874601

; Patent No. 6632057

; GENERAL INFORMATION:

; APPLICANT: LEWIN, ALFRED S.

; APPLICANT: SHAW, LYNN C.

; APPLICANT: GRANT, MARIA B.

; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHC

; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES

; FILE REFERENCE: 4300.014100

; CURRENT APPLICATION NUMBER: US/09/874,601

; CURRENT FILING DATE: 2001-05-01

; PRIOR APPLICATION NUMBER: 09/063,667

;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/046,147  
;; PRIOR FILING DATE: 1997-05-09  
;; PRIOR APPLICATION NUMBER: 60/044,492  
;; PRIOR FILING DATE: 1997-04-21  
;; NUMBER OF SEQ ID NOS: 182  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 111  
;; LENGTH: 14  
;; TYPE: RNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; NAME/KEY: misc\_feature  
;; LOCATION: (..)()  
;; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
US-09-874-601-111

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCCTTTATCCC 934

Db 14 TGCCCTTTATCCC 2

RESULT 852  
PCT-US92-06685-2  
;; Sequence 2, Application PC/TUS9206685  
;; GENERAL INFORMATION:  
;; APPLICANT: Sytkowski, Arthur J.  
;; TITLE OF INVENTION: A METHOD OF INDUCING HEMOGLOBIN  
;; TITLE OF INVENTION: SYNTHESIS IN RED BLOOD CELLS  
;; NUMBER OF SEQUENCES: 4  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
;; STREET: Two Militia Drive  
;; CITY: Lexington  
;; STATE: MA  
;; COUNTRY: USA  
;; ZIP: 02713

COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/06685  
FILING DATE: 19920810  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/748,867  
FILING DATE: 09-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: NEPH91-05A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-861-6240  
TELEFAX: 617-861-9540

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US92-06685-2

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AATGTTAAGGCA 868

Db 1 AACGTTGAGGCA 13

RESULT 853  
PCT-US95-06379-15/c  
;; Sequence 15, Application PC/TUS9506379  
;; GENERAL INFORMATION:  
;; APPLICANT: Watanabe, Kyoichi A.  
;; APPLICANT: Ren, Wu-Yun  
;; APPLICANT: Weil, Roger  
;; TITLE OF INVENTION: Complementary DNA and Toxins  
;; NUMBER OF SEQUENCES: 43  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Cooper & Dunham LLP  
;; STREET: 1185 Avenue of the Americas  
;; CITY: New York  
;; STATE: New York  
;; COUNTRY: U.S.A.  
;; ZIP: 10036

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44Mb  
COMPUTER: IBM PC  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/06379  
FILING DATE: May 13, 1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 44683-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-391-0526  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-06379-15

Query Match 0.5%; Score 9.8; DB 1; Length 14;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCCTTTAT 931

Db 13 CTTTGCCCTTTAT 1

RESULT 854  
PCT-US95-10721-6  
;; Sequence 6, Application PC/TUS9510721  
;; GENERAL INFORMATION:  
;; APPLICANT: University of Massachusetts  
;; APPLICANT: Medical Center  
;; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR  
;; NUMBER OF SEQUENCES: 14  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Fish & Richardson P.C.  
;; STREET: 225 Franklin Street  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: U.S.A.  
;; ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 50Z or 55SX

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; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10721
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/294,450
; FILING DATE: August 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: J. Peter Fasse
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04020/047WO1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-10721-6
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Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 61.5%; Pred. No. 5.4e+02;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1104 GGCTTCAGTCCC 1116
DB 2 GGACUUGGCGCC 14
```

```
RESULT 855
PCT-US95-16904-2/c
; Sequence 2, Application PC/TUS9516904
; GENERAL INFORMATION:
; APPLICANT: Georgetown University
; TITLE OF INVENTION: Fluorometric Assay For Detecting Nucleic
; TITLE OF INVENTION: Acid Cleavage
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/16904
; FILING DATE: 27-DEC-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/365,473
; FILING DATE: 30-DEC-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Samuel L. Fox
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 0654.063PC00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
```

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; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE:
; PCT-US95-16904-2

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1145 CCACCTATACCCC 1157
DB 13 CCACCTAGGCCCC 1
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Search completed: March 1, 2004, 15:29:29
Job time : 20 secs
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